

ANNEXURES

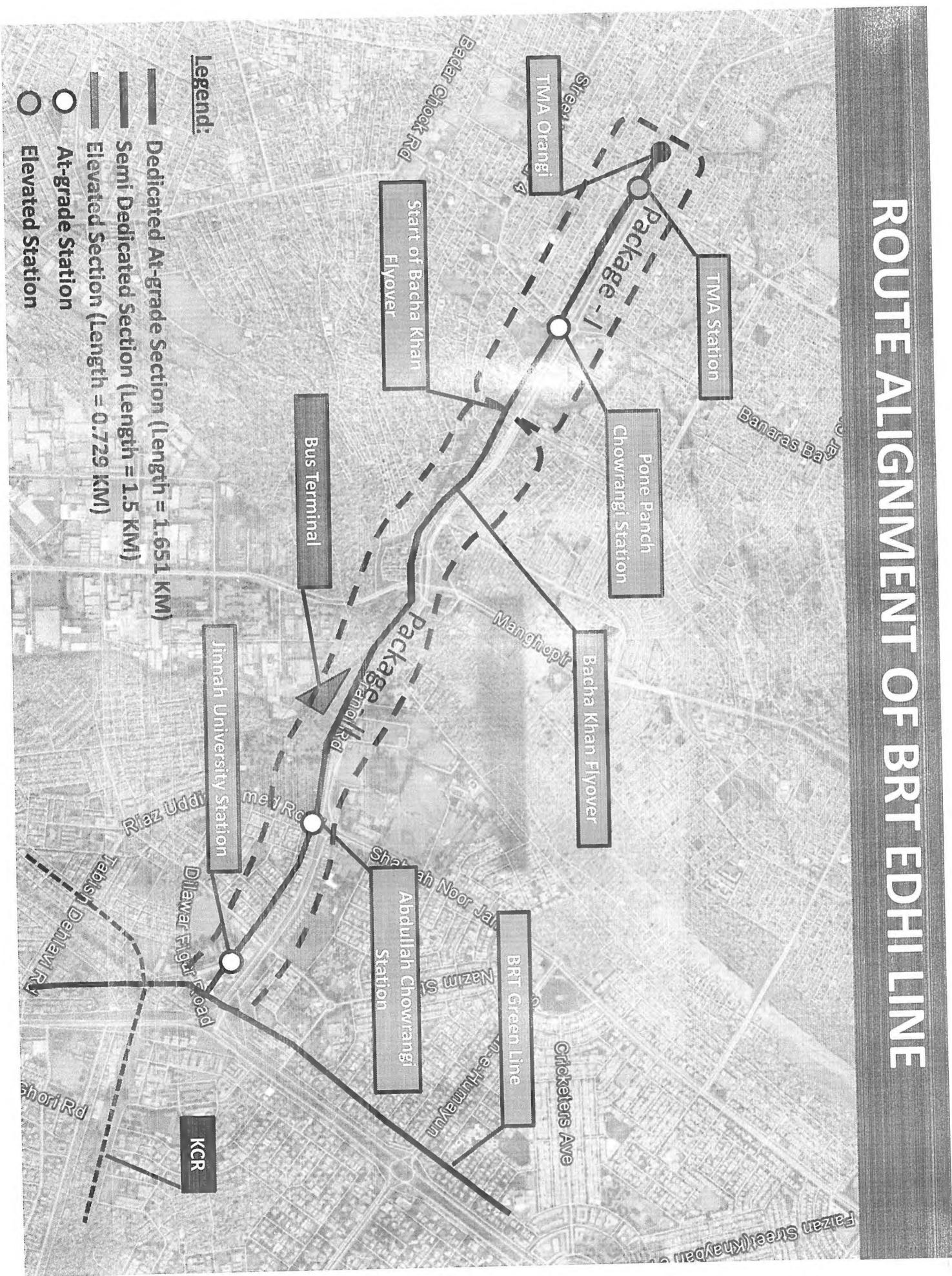
Annex - 1

**PROVINCIAL
TRANSPORT AND MASS TRANSIT DEPARTMENT**

(Rs. in Million)

Gen. Sr. No.	UID	QR Code	Sector / Sub-sector / Name of Scheme	Location of Scheme/ District	Status Date of Approval	Target Date for Completion	Estimated Cost	Allocation for 2022-23			TPA			
								Actual Exp: upto June, 21	Estimated Expenditure upto June-22	Throwforward as on 01-07-22				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Transport and Mass Transit (On-Going Schemes)														
(On-Going Schemes)														
3287	TRDTM- PP-09- 0012		Rehabilitation of Drivers Training School under public private partnership at Karachi, Hyderabad, Sukkur, Larkana (C: 29.639 + R: 72.569)	Karachi, Hyderabad, Sukkur , Larkana	Approved (UR) 12.11.2009	June-24	102.208	76.502	76.502	25.706	0.100	0.000	0.100	0.000
3288	TRDTM- PP-11- 0035		Construction of Bus Terminals in Thatta, Badin and Qamber Shahdadkot at Miro Khan. (C: 214.355 + R: 66.097).	Thatta, Badin , Kanber	Approved (UR) 15.12.2011	June-24	273.744	198.593	198.593	75.151	75.151	0.000	75.151	0.000
3289	TRDTM- PP-20- 0122		Construction of BRT's Orange Line (Revised on 11.03.21) (C:2002.024 + R:2288.748).	Karachi	Approved 26.12.2014	June-24	4290.772	2505.710	3154.389	1136.383	9.806	1126.577	1136.383	0.000
3290	TRDTM- PP-16- 0153		Upgradation of Traffic Signals in Karachi, Hyderabad, Sukkur, Larkana and Mirpurkhas (Phase-I).	Karachi, Hyderabad, Sukkur , Larkana , Mirpurkhas	Approved (UR) 05.01.2017	June-24	143.220	106.700	106.700	36.520	36.520	0.000	36.520	0.000
3291	TRDTM- FP-19- 0438		Construction of BRT Red Line Karachi ADB Assisted (Total cost Rs. 78.384.30 M including ADB Loan Rs 35.787.67 M + AIB Rs.14403.99 M+ AFD Rs.11403.99 M+ GCF Rs. 7782.67M + GoS Share Rs.12006.00M).	Karachi	Approved 29.08.2019	June-24	12006.000	31.792	2237.279	9768.721	4691.024	0.000	4691.024	12110.000

ROUTE ALIGNMENT OF BRT EDHI LINE



SMTA Board

155

GOVERNMENT OF SINDH
SERVICES, GENERAL ADMINISTRATION &
COORDINATION DEPARTMENT

Karachi, dated the 17th November, 2017.

NOTIFICATION

NO:SO(C-IV)SGA&CD/4-13/15 In pursuance of the Section 12 (1) & (2) of the Sindh Mass Transit Authority Act, 2014, Government of Sindh are pleased to notify the Board of the Sindh Mass Transit Authority, which may exercise all powers, perform all functions and do all acts and things as authorized by the Authority. The Board shall comprise of the following:-

		Chairperson
1.	Minister, Transport & Mass Transit Department, Government of Sindh	Member / Co-Chairperson
2.	Mayor/ Administrator, Karachi.	Member / Co-Chairperson
3.	Mayor/ Administrator, Hyderabad.	Member / Co-Chairperson
4.	Mayor/ Administrator, Sukkur.	Vice Chairperson
5.	Secretary, Transport & Mass Transit Department, Government of Sindh	Member
6.	Secretary, Finance Department, Government of Sindh or his nominee (not below the rank of Additional Secretary)	Member
7.	Secretary, Planning & Development Department or his nominee (not below the rank of Additional Secretary)	Member
8.	Director General, Public Private Partnership Unit, Finance Department, Government of Sindh.	Member
9.	Additional Inspector General of Police (Traffic), Sindh.	Member
10.	Managing Director, Sindh Mass Transit Authority.	Member
11.	Engineer Mukhtar A. Shaikh, Vice Chairman (Sindh), Pakistan Engineering Council.	Non-official Member
12.	Director, Military Lands & Cantonments.	Official Member
13.	Architect Asad I.A. Khan, Chairman, Pakistan Council of Architects & Town Planners.	Non-Official Member

2) The Board of Sindh Mass Transit Authority shall function in accordance with Sections 12 (3) to 12 (8), 13, 14 & 15 of Sindh Mass Transit Authority Act 2014.

-RIZWAN MEMON-
CHIEF SECRETARY SINDH

NO:SO(C-IV)SGA&CD/4-13/15

Karachi, dated the 17th November, 2017.

Copy is forwarded for information & necessary action to:-

- 1) The Chairman, Planning & Development Board, Government of Sindh, Karachi.
- 2) The Senior Member, Board of Revenue, Sindh, Karachi.
- 3) The Principal Secretary to Governor Sindh, Karachi.
- 4) The Principal Secretary to Chief Minister Sindh, Karachi.
- 5) The Administrative Secretaries (all), Government of Sindh.
- 6) The Commissioners (all) in Sindh.
- 7) The Deputy Commissioners (all) in Sindh.
- 8) The Chairperson/Co-Chairperson / Members (all) of the Board.
- 9) The Deputy Secretary (Staff) to Chief Secretary Sindh.
- 10) The P.S. to Chief Secretary Sindh, Karachi.
- 11) The P.S. to Secretary (I&C), SGA&CD.
- 12) Master file.

(ALTAF HUSSAIN)
SECTION OFFICER (C-IV)



SMTA
Notification

ANNEXURE D 3

37

GOVERNMENT OF SINDH
TRANSPORT & MASS TRANSIT DEPARTMENT

Karachi Dated the 5th oct -, 2017

154

NOTIFICATION

NO.SO(Gen)SMTA/TMTD/2017:- The Provincial Assembly of Sindh vide Notification NO. PAS/Legis-B-22/2014, the Sindh Mass Transit Authority Bill 2014 has been passed by the Provincial Assembly of Sindh on 29th September, 2016 and assented to by the Governor of Sindh on 06th October, 2016, published as an Act of the Legislature of Sindh 'THE SINDH MASS TRANSIT AUTHORITY ACT, 2014' SINDH ACT NO. XXIX OF 2016, to provide for the establishment of an Authority known as the "Sindh Mass Transit Authority" in the province of Sindh.

2. In pursuance of the provisions of Section 4 (1) of this Act, an Authority known as the Sindh Mass Transit Authority has been established in the province of Sindh for carrying out purposes of this Act.
3. The headquarters of the Authority shall be at Karachi and it may establish its offices at such place or places in Sindh as it may consider appropriate.
4. Subject to the provisions of this Act and the general directions and control of the Government, the Authority shall take such measures, discharge such powers and perform such functions as may be necessary for carrying out the purposes of this Act.
5. The general directions and administration of the Authority and its affairs shall be vested in the Board which may exercise all powers, perform all functions and do all acts and things which may be exercised, performed or done by the Authority.
6. The Sindh Mass Transit Authority shall remain under the Administrative control of Transport & Mass Transit Department, Government of Sindh.
7. All Employees shall perform all such functions / services as envisaged in the Sindh Mass Transit Authority (SMTA) Act 2016 under the Administrative Control of Transport & Mass Transit Department, Government of Sindh.

SAEED AHMED AWAN
SECRETARY TO GOVERNMENT OF SINDH
Karachi, dated the 5th oct - 2017

A copy is forwarded for information and necessary action to:-

1. The Chairman, Sindh Mass Transit Authority / Minister Transport & Mass Transit Department, Government of Sindh, Karachi.
2. The Principal Secretary to Governor Sindh, Karachi.
3. The Principal Secretary to Chief Minister, Sindh, Karachi.
4. Vice Chairman, Sindh Mass Transit Authority / Secretary Transport & Mass Transit Department, Government of Sindh, Karachi.
5. Administrative Secretaries (All), Government of Sindh.
6. Secretary (I&C), SGA&CID
7. Accountant General, Sindh, Karachi.
8. Director General / Managing Director, Sindh Mass Transit Authority.
9. The Deputy Secretary (Staff) to Chief Secretary.


(GHULAM FAROOQ MANGRIO)
SECTION OFFICER (General)
For Secretary to Government of Sindh



SPECIAL PROJECT MANAGEMENT UNIT (GREEN LINE BRTS)

MINISTRY OF COMMUNICATIONS

GOVERNMENT OF PAKISTAN

6th Floor, Extension Block, Bahria Complex IV, Gizri, Karachi

Tel: 021-35155101

info@greenline.gov.pk; www.greenline.gov.pk

ANNEXURE 4
275

The Additional Secretary,
Communications Division,
Ministry of Communications,
ISLAMABAD.

SIDCL

Incorporation

No. SPMU (GLBRTS)/2015/102

Dated, 2nd June, 2015

Subject: Incorporation of a Limited Liability Company under Companies Ordinance 1984 to Execute Green Line Bus Rapid Transit System Karachi (BRTS) on Fast Track Basis

Sir,

I am directed to refer to the approved Summary with the subject mentioned above, wherein the hon'ble Prime Minister of Pakistan has been pleased to approve incorporation of "Karachi Infrastructure Development Company Limited (KIDCL)" – a wholly owned subsidiary of Government of Pakistan to undertake Green Line Bus Rapid Transit System, on fast track basis.

2. I am directed to intimate that in compliance to the aforesaid directives, Karachi Infrastructure Development Company Limited (KIDCL) has been incorporated with Securities & Exchange Commission of Pakistan (SECP) as Section 42 Public Limited Company, as per following details:

Registered Name: Karachi Infrastructure Development Company Limited (KIDCL)
Corporate Universal Identification Number: 0093758

Date of Incorporation: 2nd June, 2015

Company's Bank Account: National Bank of Pakistan, Main Branch, Karachi
NIDA A/c No. 3055505904

3. Memorandum of Associations, Articles of Associations and Certificate of Incorporation are attached herewith for record / reference.

4. In view of above, I am directed to request your good offices to take further necessary action and release of funds to the Company in pursuance to the approved Summary.

(Bilal Ahmed Memon)
Director (SPMU - Green Line BRTS) 2/6/15

Copy for information & further necessary action to:

- The Directors of KIDCL (Secretary Transport, Govt. of Sindh), for information;
- The Additional Finance Secretary (Budget / Corporate Affairs), Finance Division;
- The Project Director (Green Line) / CEO-designate (KIDCL); and
- Sr. PS to the Secretary, Communications Division, Islamabad.

Director (SPMU - Green Line BRTS)

EMBODY
Y27
9.6.2015
SPL. Mass Transport Project

S403444

SIDCL

Annex - 5



FARAZ AHMED STAMP VENDOR
Licence # 160, Shop # 58, SITE Market
Habib Bank Chowk, SITE, Karachi
S.No.
ISSUED WITH 30097
THROUGH W...
PURPOSE
VALUE RS
STAMP VENDOR'S
his Stamp paper is not valid for Divorce and Free Will purpose

14 NOV 2020

M. Javed
Advocate
L. No: 4103

(RUPEES ONE HUNDRED ONLY)

FACILITATION AND IMPLEMENTATION AGREEMENT - ORANGE (ABDUL SATTAR
EDHI) LINE BRTS

This Facilitation and Implementation Agreement ("Agreement") is made on Friday 27th day of November 2020.

BETWEEN

GOVERNMENT OF SINDH, acting through the Secretary, Transport and Mass Transit Department, having its office at Tughluq House, 2nd Floor, Kamal Atta Turk, Court Road, Karachi, hereinafter referred to as the ("GOS") for and on behalf of the Government of Sindh.

AND

SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVES (FORMERLY KARACHI INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED), a company incorporated under the laws of Pakistan and having its registered address at 6th Floor, Ext. Block, Bahria Complex IV, Gizri, Karachi, hereinafter referred to as ("SIDCL").

Transport & Mass Transit Department
Government of Sindh
Karachi

(1)

Chief Executive Officer
Sindh Infrastructure Development Co. Ltd.
Cabinet Division
Government of Pakistan

The GoS and SIDCL are hereinafter referred to individually as a "Party" and collectively as the "Parties" and in each case shall include its respective successors and assignors.

GENERAL:

- A) Pursuant to the 18th Amendment to the Constitution of Pakistan, 1973 ("Constitution"), it is the mandate of the GOS as a Provincial Government under the Constitution to provide a system of public transportation and infrastructure in the Province of Sindh, which includes the city of Karachi.
- B) In this regard, the GOS is desiring to operate and maintain the existing infrastructure facility of the Orange Line BRTS system and synchronize its integration with Green Line BRTS system within the city of Karachi, thereby meet the increasing demand for public transportation of the general population of Karachi, by providing the public with a more efficient, cost-effective and reliable means of transportation.

In relation to the same, pursuant to the Japan International Cooperation Agency (JICA) Study carried out in 2012, which advocated and set out the parameters for a comprehensive system/master plan for public transportation and infrastructure in the city of Karachi by the name of "Karachi Transportation Improvement Project", GOS requested GOP to construct the BRTS "Green Line" and upon such construction to transfer the infrastructure to GOS, with the bus operations and integrated intelligent transport system and services ("IITS") component to be the responsibility of the GOS (as defined hereunder). The GoS and SIDCL have entered into a Facilitation and Implementation Agreement dated 20TH May, 2020 in respect of the Green Line BRTS system.

- C) Further to the above, GOS has mandated SIDCL to launch, operate and maintain the "Orange Line" BRTS operations, as per the route map attached hereto as Schedule 1 ("Project") under an arrangement for an overall period of ten (10) years ("Project Term"), for which the contractual responsibilities and obligations of SIDCL will be taken over and novated in favour of GOS at the end of a period commencing from [...] to [...] (SIDCL Operations Term) similar to the Green Line BRTS system for SIDCL Operations Term.

The Sindh Mass Transit Authority, Transport & Mass Transit Department requested SIDCL to undertake "Orange Line" BRTS operations vide letter No. SMTA/BUSOPS/OL-GL/1555 dated 5th September 2019 to SIDCL (**Annex-A**). Pursuant to the aforesaid letter, funding for the Orange Line BRTS Operations and Maintenance for the SIDCL Operations Term for bus transport services (Fleet, IITS, Station Management, O&M etc) in the city of Karachi was approved to be provided by GOS to SIDCL.

- D) Accordingly, SIDCL shall float the tender(s) for the bus/fleet procurement, bus operator, station management services, IITS, fund management and any other related services for the Project as may be deemed necessary under Requests for Proposal ("RFPs"), enter into agreements/ services contracts with selected bidders ("Project Contracts") for the tender(s) under the RFP(s), as well as enter into arrangements for the operation and maintenance of the Operations Control Center ("OCC") with various third parties, as may be required as per the mandate provided by Executive Officer of Sindh Infrastructure Development Company.

Agreement and that the Project Contracts will be novated in favour of GOS at the end of the SIDCL Operations Term for the remaining period of the Project Term.

- E) On the basis of the above, the Parties agree and acknowledge that in order to make the Project viable, to ensure and secure the interests of prospective bidders under the RFPs and to enable SIDCL to undertake the implementation of the Project, SIDCL requires the undertakings, facilitation, approvals and assurances from GOS in relation to the Project well within time, in order to undertake the implementation of the Project, which will also in turn be given to the selected bidder(s)/ third parties under the Project Contracts and OCC Agreement.

ARTICLE 1: DEFINITIONS AND INTERPRETATION

1.1 Definitions

Whenever the following words and expressions appear in the Agreement or in the Schedules to this Agreement, these words and expressions shall, unless the context otherwise requires, have the meanings stated below;

“Agreement” shall mean this Facilitation and Implementation Agreement.

“AFC” shall mean automated fare collection.

“Business Day” shall mean any day that banks in Pakistan are legally permitted to be open for business, as well as when offices of the GOP are open and functioning.

“Commercial Operations Date” shall mean the Day immediately following the date on which the Project becomes operational/ is commissioned.

“Consents” shall mean any and all approvals, consents, authorizations, notifications, concessions, acknowledgements, agreements, licenses, permits, decisions or similar items which may be required to be obtained from a Relevant Authority, in terms of the Project Contracts

“Constitution” shall mean the Constitution of Pakistan, 1973.

“Day” shall mean a continuous period of twenty-four (24) hours beginning at 12:00 midnight and **“Daily”** shall be construed accordingly.

“Effective Date” shall mean the date on which the Parties execute this Agreement.

“GOP” shall mean Government of Pakistan.

“IITS” shall mean integrated intelligent transport system and services.

“Laws of Pakistan” shall mean federal, provincial and local laws of Pakistan, and all orders, rules, regulations, statutory regulatory orders, executive orders, decrees, judicial decisions, notifications, or other similar directives issued by any public-sector entity pursuant thereto, including the environmental standards, as any of them may be amended from time to time.

Secretary
Transport & Mass Transit Department
Government of Sindh
Karachi

(3)

Chief Executive Officer
Sindh Infrastructure Development Co Ltd.
Cabinet Division
Government of Pakistan

"OCC" shall mean the Operations Control Center for the Project.

"OCC Agreement" shall mean Agreement related to Operations Control Center.

"Pakistan" shall mean the Islamic Republic of Pakistan.

"Party" or "Parties" shall have the meaning ascribed thereto in the Preamble.

"Project" shall have the meaning ascribed thereto in Recital C.

"Project Contracts" shall mean the various agreements and services contracts to be entered into between SIDCL and the selected bidder(s) in connection with the procurement of buses/fleet, bus Operations, station management services, fund management / clearing house services, IITS, OCC Operations and any other related services as may be deemed necessary under the RFPs.

"Project Term" shall mean a period of ten (10) years commencing from the Commercial Operations Date.

"Relevant Authority" shall mean the department, authority, instrumentality, agency or other relevant entity of GOS from which a Consent is to be obtained and any authority, body or other Person having jurisdiction under the Laws of Pakistan which falls within domain of GOS with respect to the Project or any part thereof, as the case may be.

"RFPs" shall mean requests for proposal to be floated by SIDCL for the implementation of the Project. It includes joint RFPs floated by SIDCL for procurement of buses/fleet, procurement and operations of Green and Orange Line for the project term.

"Route" shall mean the route of the Project, as set out in Schedule 1 hereto.

"ROW" shall mean right of way as provided for in Article 2 below.

"SIDCL" shall have the meaning ascribed thereto in the Preamble.

"SIDCL Operations Term" shall mean a period of three (3) years commencing from date _____ [•].

"SMTA" shall mean the Sindh Mass Transport Authority established under the Sindh Mass Transit Authority Act, 2014.

1.2 Rules of Interpretation.

(a) In this Agreement, headings are only for convenience and shall be ignored in construing this Agreement and the singular includes the plural and vice versa:

(b) References to Articles are, unless the context otherwise requires, references to Articles to this Agreement;

Secretary
Transport & Mass Transit Department
Government of Sindh
Karachi

(4)

Chief Executive Officer
Sindh Infrastructure Development Co Ltd.
Cabinet Division
Government of Pakistan

- (c) In carrying out its obligations and duties under this Agreement, each Party shall have an implied obligation of good faith;
- (d) A reference to any legislation or legislative provision includes any reference to statutory modification or re-enactment of, amendment to or legislative provision substituted for, and any subordinate legislation under, that legislation or legislative provision; and
- (e) Reference to any document, instrument or agreement are references to that document, instrument or agreement as amended, consolidated, supplemented, novated or replaced from time to time.

ARTICLE 2: ROUTE AND ROW

GOS agrees and confirms that the Route for the Project shall be as annexed at Schedule I hereto and that GOS shall make available the ROW, free from all liens, charges, encumbrances, liabilities or the like, of whatsoever nature, in relation to the Route for the Project since the land required for the ROW is owned by GOS. For any ROW passing through privately owned land, GOS shall acquire and own such land directly and assign, through the Agreement, to the SIDCL for the SIDCL Operations Term.

ARTICLE 3: MANDATE.

1. GOS confirms and agrees that it has given the mandate to SIDCL to implement the Project based on the RFPs and Project Contracts for the Project Term and for SIDCL to manage the operations & maintenance of the Project for the SIDCL Operations Term, after which it is confirmed and agreed that the Project Contracts shall be novated in favor of GOS, such that all the rights, responsibilities and obligations of SIDCL under the Project Contracts and OCC Agreement shall be taken over and vest in their entirety in favor of GOS. Upon such transfer SIDCL shall be relieved of all obligations assigned or transferred to and assumed by the GoS under the Project Contracts.
2. GOS shall appoint an authorized representative with regard to oversee the process of implementation of the Project(s), who shall serve as the focal person for GOS for the Project, and notify to SIDCL commencing from the Effective Date and agrees to communicate any feedback/ input to SIDCL within the agreed reasonable timeframe. Notwithstanding the same, GOS undertakes, agrees and confirms that it shall not contest any decisions and actions taken by SIDCL in relation to the project during the SIDCL Operations Project Term, except the decisions and action pertaining to regulations and policy matters in good faith until the Project Contracts have been novated in favor of GOS.
3. The GoS may appropriately arrange for the requisite funding for procurement of buses and operations of Orange Line BRTS (including making payments under Project Contracts), and may consider revising the PC-I of Orange line BRTS, to include the following:
 - i- Establishment Charge of SIDCL amounting 2% of the Project Cost and 2% of the Project Cost for the Operations

Sohail
Transport & Mass Transit Department
Government of Sindh
Karachi

(5)

Ulfat Executive Officer
Sindh Infrastructure Development Co Ltd.
Cabinet Division
Government of Pakistan

- ii- Funding covering fleet/buses procurement, IITS, O&M, Station Management and Clearing House shall be covered in the revised scope of PC-Is;
 - iii- Routine and Periodic Infrastructure Maintenance; and
 - iv- Operations Deficit, Insurance Cover, Provision of Taxes and other administrative expenses for the Project.
4. GoS shall pay to SIDCL the costs and other charges relating to procurement in three tranches.
- a. 110% of the estimated contract price under the Project Contracts (including the LC amount) for the procurement of fleet/buses and IITS in the first tranche in the designated account of the National Bank of Pakistan by 1st Quarter FY 2020-21. A joint LC for Green and Orange Line procurements shall be established for USD payments under the Project Contracts.
 - b. The second tranche will be due on procurement of O&M, Stations Management, Clearing House and Periodic Infrastructure Maintenance for 42 months.
 - c. The 3rd Tranche covering operations deficit for 42 months shall be released within three (3) months of the 2nd Tranche.
5. Besides estimated costs for procurement and operations, GoS shall pay SIDCL, on demand, any actual charges for the Orange Line BRTS' procurement and operations, including increase in price under Project Contracts due to variation, taxes and insurance charges.
6. SIDCL may elect to issue notice to proceed under the relevant Project Contracts only after GoS has deposited relevant funds in the designated account of the National Bank of Pakistan. The aforesaid designated account maintained by SIDCL with the National Bank of Pakistan shall be an escrow account. SIDCL and GoS shall additionally enter into an escrow agreement (in line with the terms and conditions for funding under this Agreement) in relation to, *inter alia*, the obligations of: (i) the GoS to deposit the funds into the designated escrow account; and (ii) the SIDCL for utilization of amounts in the designated escrow account for the establishment of the LC and making payments under the relevant Project Contracts.
7. For the on-going consultancies (Bus operations and IITS), GoS shall pay the amount related to Orange line (Bus procurement, Bus operations, IITS and Station Management).

ARTICLE 4: SALIENT PROJECT TERMS

1. The Parties agree that cost of procurement of fleet/buses and IITS related to the Project will be borne by GoS.
2. The risks related to the procurement and compliance with the applicable Public Procurement Rules and Regulations shall be the sole responsibility of SIDCL, GoS

S. Khan
Transport & Mess Training Department
Government of Sindh
Karachi

(6)

Chief Executive Officer
Sindh Infrastructure Development Co Ltd.
Cabinet Division
Government of Pakistan

shall not be responsible for any matter of accountability surfaced before, during or after the conclusion of the Operations Term.

3. The Parties agreed that the following will be the applicable terms relating to the main aspects of the Project for the Project Term: -

1. The bus operator will:

- a. operate and maintain the buses for the Project;
- b. equip, operate and maintain the bus depots; and
- c. procure the on-board fleet equipment as per the IT specifications.

2. The IITS/AFC provider will:

- a. procure, supply, operate and maintain the IITS system;
- b. undertake and provide station management services, including cleaning, maintenance and provision of security.
- c. procure, supply, operate and maintain the AFC automated fare collection system;
- d. supply, operate and maintain the IT system;
- e. procure and supply call center equipment, as well as operate and manage the call center; and
- f. operate and maintain the OCC building and space utilization by and under SIDCL's management

3. The clearing house shall:

- a. provide fund management services;
- b. auditing of revenues;
- c. provide escrow account services; and
- d. distribution of funds to relevant entities to whom such funds are due as per terms and conditions agreed to with the bus operator, IITS provider and clearing house.

4. Before the start of the SIDCL Operations Term, an inventory list shall be prepared jointly with the GoS (or third-party validation) and be ensured in acceptable working condition at the time of novation in favor of GoS. Infrastructure maintenance related to operations will be undertaken by SIDCL during the SIDCL Operations Term, which includes routine and periodic/ preventive maintenance as well as rehabilitation of the road infrastructure of the Project, including bus ways and elevated structures and Bus Stations. Upon completion of the SIDCL Operations Term and for the remaining Project Term, the responsibility and liability for infrastructure maintenance shall rest solely with GOS till the completion of Project Term.

5. Utilization of area within the OCC shall be under the mutual mandate of SIDCL and the GoS to the extent of BRT's Operations. OCC management and maintenance shall be with SIDCL for the period of the SIDCL Operations Term, which may be transferred to GoS at the end of the SIDCL Operations Term or another GOS nominated entity, as required.

6. Collection of fare revenues and other revenues from bus operations will be automatically transferred to central escrow bank account. SIDCL will assume ownership of the central escrow bank account till the completion of SIDCL Operation Term. Till SIDCL Operation Term, SIDCL will pay to the service providers under the Project Contracts from

Chief Executive Officer

Sindh Infrastructure Development Co Ltd

Cabinet Division

Government of Pakistan

Transport & Mass Transit Department
Government of Sindh
Karachi



fare revenues collected. In case of under-recovery, GoS will be responsible to finance the outstanding payments of the contractors (in accordance with Article 3 (Mandate) above) subject to reasonable documentation to justify the claim. In case of over-collection, the remaining balance of central bank account will be attributed to GoS on novation of the Project to GoS on completion of SIDCL Operations Term. Following SIDCL Operation Term, all rights and obligations of the central bank account will be transferred to GoS. It is clarified that demand risk shall be assumed by the Government of Sindh for Orange Line BRTS' operations.

7. Advertising and revenues from other commercial activities shall be under the sole mandate of SIDCL for revenue collection and distribution during the SIDCL Operations Term. GoS shall assist SIDCL to get necessary/required NOC(s) to SIDCL.

8. It shall also be the mutual mandate of SIDCL and the GoS to launch and implement direct, feeder and other special services under the purview of the Project.

9. The Monitoring & Evaluation (M&E) criteria to supervise the performance of counter parties of SIDCL in Project Contract shall be in compliance with the criteria as mentioned in the RFP / Service Level Agreement for the procurement of the services under Project Contracts. Also, an independent / third party monitoring and evaluation and audit firm shall be procured to conduct such periodic monitoring, evaluation and reporting of operational performance and financial statements.

10. Parties to this Agreement shall have the legal authority to enter into the arrangement on behalf of their respective Governments as per law.

ARTICLE 5: REPRESENTATIONS AND WARRANTIES

Both Parties acknowledge, agree and confirm that they have the requisite authority, consents and approvals to enter into and perform their respective obligations under this Agreement, and to discharge their respective responsibilities and liabilities hereunder in good faith of the Project.

ARTICLE 6: CONSENTS

GOS also confirms that it shall use its good offices to make available the grant of all Consents in a timely manner, as may be required from time to time, to ensure that the implementation of the Project is achieved within the required timelines. In case of any loss of SIDCL Period owning to consents, no liability or responsibility shall lie upon the GOS.

ARTICLE 7: INDEMNITY

The Parties irrevocably and unconditionally undertakes to indemnify each other against any and all costs, losses, damages, actions, suits, proceedings, accounts, claims, penalties, payments, liabilities, dues, demands and/ or objections suffered or caused during the SIDCL Operational Term, unless such claim, damage, loss, expenses or cost arise from fraud wilful misconduct, bad faith to reckless disregard of duties on the part of other Party during SIDCL period.

Transport & Mass Transit Department
Government of Sindh
Karachi

(8)

Chief Executive Officer
Sindh Infrastructure Development Co Ltd.
Cabinet Division
Government of Pakistan

ARTICLE 8: TAXES

All applicable government taxes in relation to the Project shall be borne by GoS and (where applicable) paid to SIDCL in accordance with Article 3 (*Mandate*), for the SIDCL Operations Term as well as thereafter for the remaining Project Term, provided that in the event that there are any tax refunds, adjustments and/or tax credits in respect of the Project in relation to the operation of the Project during the SIDCL Operations Term, which for all intents and purposes are for the benefit of SIDCL and the same remain unpaid, outstanding and/ or are not adjusted in favor of SIDCL during the SIDCL Operations Term, then these amounts shall be payable by GOS to SIDCL at the time of novation of the Project Contracts in favor of GOS.

ARTICLE 9: ENTIRE AGREEMENT

This Agreement (including the documents and instruments mentioned herein) constitutes the entire agreement between the Parties With respect to its subject matter and supersedes all prior agreements and undertakings, both written and oral, between the Parties in respect to the subject matter hereunder.

ARTICLE 10: NOTICES

(a) All notices or other communications to be given or made hereunder shall be in writing, shall be addressed for the attention of the persons indicated herein below, and shall either [-] be delivered personally or sent by courier, registered or certified mail or facsimile. The addresses for service of the Parties and their respective facsimile numbers shall be:

(i) If to the GOS:

Attn: Secretary, Transport and Mass Transit Department
Address: 2nd Floor Tulghaq House, Sindh Secretariat.
Facsimile: 021-99211017

(ii) If to SIDCL:

Attn: Chief Executive Officer
Address: Sindh Infrastructure Development Company Limited
6th Floor, Ext. Block, Bahria Complex IV, Gizri. Karachi
Facsimile: + 92 (21) 35155102

(b) All notices shall be deemed delivered (i) when presented personally, (ii) if received on a Business Day for the receiving Party, when transmitted by facsimile to the receiving Party's facsimile number specified hereinabove and, if received on a Day that this is not a Business Day for the receiving Party, on the first Business Day of the receiving Party following the date transmitted by facsimile to the receiving Party's facsimile number specified hereinabove, (iii) two (2) Days after being delivered to a courier for overnight delivery, addressed to the receiving Party, at the address indicated hereinabove, or such other address as the receiving Party may have specified by written notice delivered to the delivering Party at its address or facsimile number specified above. Any notice given by facsimile shall be confirmed in writing delivered personally or sent by registered or certified mail, but the failure to provide such confirmation shall not void or invalidate the original mail, but the failure to provide such confirmation shall not void or invalidate the original notice if it is in fact received by the Party to which it is addressed.

CHIEF EXECUTIVE OFFICER
Sindh Infrastructure Development Co Ltd.

Cabinet Division
Government of Pakistan

Transport & Mass Transit Department
Government of Sindh
Karachi

9

(c) Any Party may by a written notice change the addressee and/or address to which such notices and communications to it are to be delivered or mailed.

ARTICLE 11: TERM AND COMPLETION

This Agreement shall become effective immediately upon the Effective Date, and shall, continue in full force and effect for completion of SIDCL Operation Term and up to the successful novation of the Project Contracts in favor of GOS.

ARTICLE 12: GOVERNING LAW AND JURISDICTION

This Agreement and the rights and obligations of the Parties hereunder shall be governed by and construed in accordance with the Laws of Pakistan. The competent courts of Pakistan shall have jurisdiction in all matters relating to the Agreement.

ARTICLE 13: AMENDMENT

This Agreement can be amended only by agreement between the Parties in writing, executed by a duly authorized representative of each of the Parties.

ARTICLE 14: DISPUTE RESOLUTION

If a dispute arises in respect of this Agreement, the Parties shall act in good faith and use reasonable endeavours to resolve the dispute.

ARTICLE 15: ARBITRATION

Any dispute arising out of or in connection with this Agreement shall be settle amicably by negotiation between both the parties in good faith and in case of failure of amicable settlement, the dispute shall be referred to the arbitrators in accordance with the Arbitration Act, 1940.

ARTICLE 16: FORCE MAJEURE

Neither party shall be liable for failure or delay or in the performance of its obligation under this Agreement due to causes beyond its control including but not limited to act of God, strikes, wars, revaluations, fires, floods, explosions, terrorist, earthquakes, civil commotion, revolutions or pandemic.

ARTICLE 17: PROCESS OF HANDING OVER PROJECT

1. On completion of SIDCL Operation Term, all the assets and records (including financial and non-financial records) of the Project and the Project Contracts will be assessed by a third party evaluator and/or auditor (the **Evaluator**), hired by the GOS, at the cost of central escrow bank account, six months before the SIDCL Operations Term ends.
2. It is hereby agreed that the Parties shall, with the assistance of the Evaluator, develop the detailed handing over process with list of Project Assets and required condition of the Project Assets and required timelines of the handing over process.

Secretary
Transport & Mass Transit Department
Government of Sindh
Karachi

10

Chief Executive Officer
Sindh Infrastructure Development Co Ltd
Cabinet Division
Government of Pakistan

3. The Evaluator will perform the stock counting and evaluation of condition of project assets and records. The Evaluator shall assess the condition of the asset and record to make sure the conditions of project assets is in compliance with the requirement of the project contracts. In case as a result of such assessment if it is determined that there is a liability, then the same shall be charged upon the Central Escrow Account for rectification. The ownership of the central escrow account shall be transferred to GoS and all amounts in that account shall be transferred to SIDCL after deduction of all the liabilities related to the Project. At the conclusion of SIDCL Operations Term, the Central Escrow Account and the Project shall be free from all charges or obligations.

IN WITNESS WHEREOF, the Parties have entered into this Agreement as of the date first hereinabove written.

For and on behalf of:

Secretary
Transport & Mess Transit Department
Government of Sindh
Karachi

MR. SHARIQ AHMED
SECRETARY,
TRANSPORT AND MASS TRANSIT,
FOR AND ON BEHALF OF THE GOVERNMENT OF SINDH

Chief Executive Officer
Sindh Infrastructure Development Co Ltd
Cabinet Division
Government of Pakistan

MR. KHAQAN MURTAZA,
CHIEF EXECUTIVE OFFICER,
SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

Witness:

1: _____

On behalf of SIDCL

SARFAR ALI KHAN.

2: _____

MUHAMMAD WASEEM,

CHAIRMAN,

P & D BOARD,

Chairman
Planning & Development Board
GOVERNMENT OF SINDH

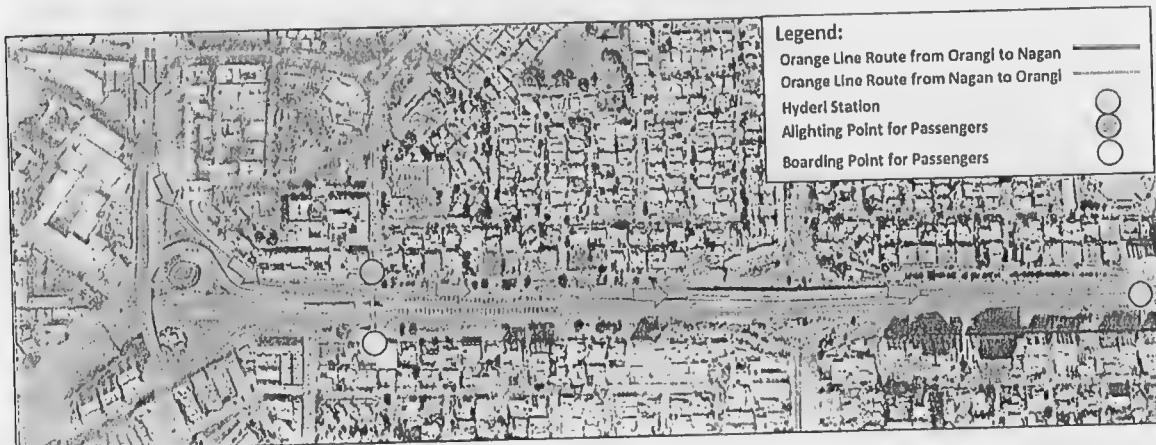
Government of Sindh

(11)

SCHEDULE 1
(ROUTE MAP)



Integration of Orange line BRTS with Green Line BRTS



- In this options Orange Line bus will be taking a left turn from Board Office towards Nagan.
- Bus will move in mix traffic between Board Office and KDA Flyover and will use Green Line Corridor between KDA Flyover and Nagan.
- Passengers for Numaish will alight at Hyderi Bus Stop and transfer to Green Line Station. There will be a negative journey for them.
- However, passengers for Nagan can be served without shifting of bus.

[Signature]
Secretary
Transport & Mass Transit Department
Government of Sindh
Karachi

(12)

[Signature]
Chief Executive Officer
Sindh Infrastructure Development
Cabinet Division
Government of Pakistan

ANNEXURE – A



Off No 021-99211017
Fax No.021-9911298

No. SMTA/BUSOPS/OL-GL/1335
GOVERNMENT OF SINDH
TRANSPORT & MASS TRANSIT DEPARTMENT

Karachi, Dated: 5th September 2019

✓ The Chief Executive Officer,
Sindh Infrastructure Development Company Limited (the SIDCL),
Cabinet Division,
Government of Pakistan

Subject: BRTS – ABDUL SATTAR EDHI (ORANGE) LINE PROJECT

This is with reference to the meeting held on 4th September 2019 under the Chairmanship of Secretary, Transport & Mass Transit Department, GoS wherein it was discussed that the Orange Line shall be integrated with Green Line BRT. A meeting was held with Honorable Chief Minister, Sindh on 16th July 2019, in that meeting it was desired that Orange Line Operations extended up to Nagan Chowrangi to make it more useful for its users without needing them to transfer at Board Office. It was also desired to build provision in infrastructure at Board office to extend BRT Orange Operations towards Numaish. Our Consultant has developed an Infrastructure Integration Concept Plan attached Annexure 1 for your review, in order to improve the ridership and meet economies of scale.

In addition to this Government of Sindh would like to know if SIDCL may procure fleet of Orange Line along with IITS. Also, the complete Operation & Maintenance (O&M) may be outsourced to SIDCL whereas the GoS shall provide the funds to SIDCL for prospective bus procurement and operations.

3. In this regard, the viewpoint of SIDCL may require in order to proceed with the project at the earliest

MANAGING DIRECTOR
SINDH MASS TRANSIT AUTHORITY

Copy is forwarded to

1. P.S to Minister, Transport and Mass Transit Department, GoS
2. P.S Chairperson Planning & Development Board, Planning & Development Department, GoS
- P.S to Secretary, Transport & Mass Transit Department, GoS

for comments
Mr. T. S. M. Khan
please

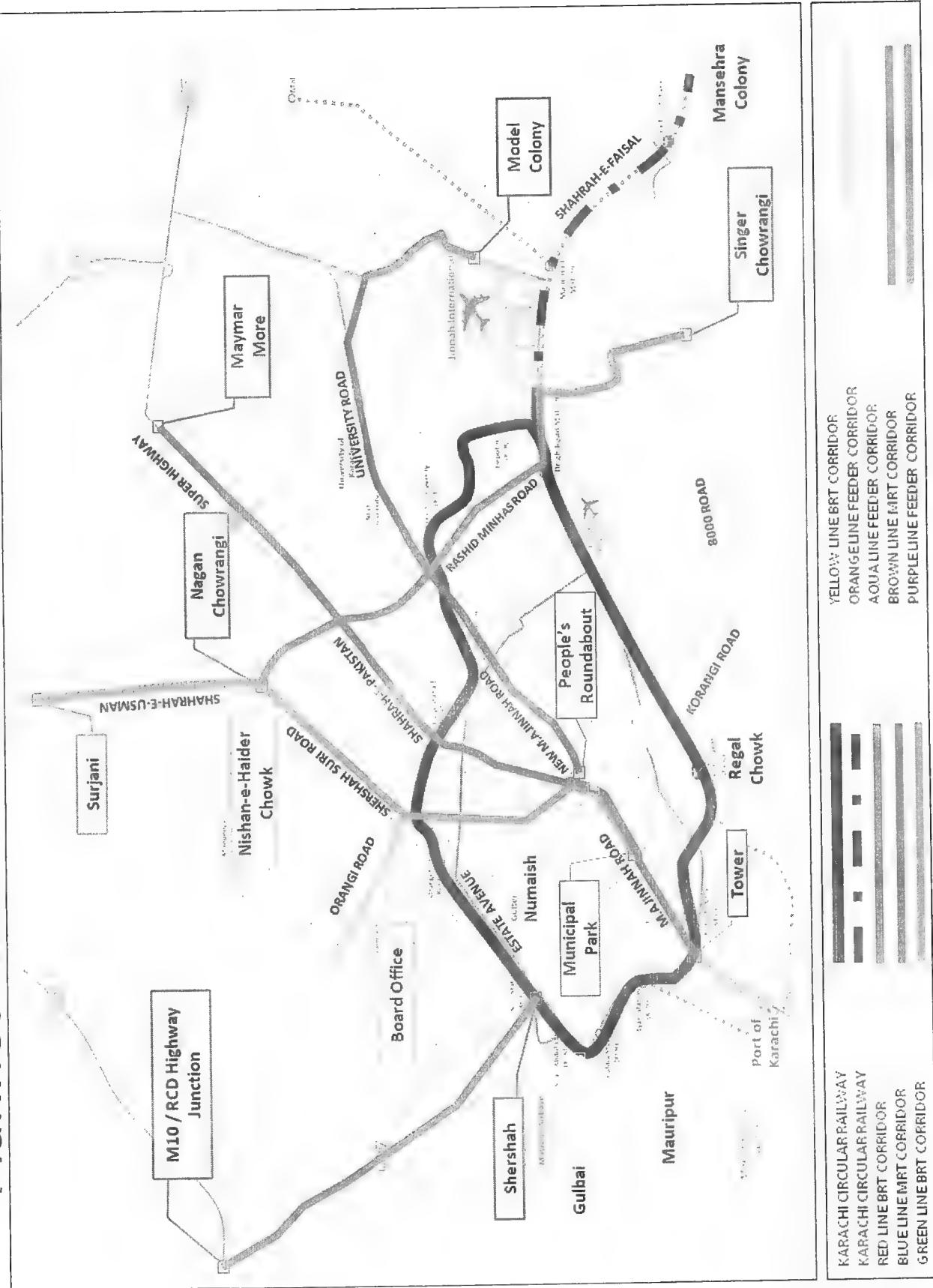
Transport & Mass Transit Department
Government of Sindh
Karachi

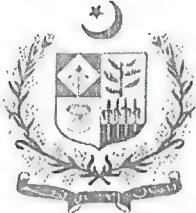
Chief Executive Officer
Sindh Infrastructure Development Company Limited
Cabinet Division
Government of Pakistan

(13)

Planned Mass Transit Corridors - KTIP

(Karachi Transportation Improvement Project)





SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD.
MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES
GOVERNMENT OF PAKISTAN
6th Floor, Extension Block, Bahria Complex IV, Gizri, Karachi
Tel: 021-35155101, Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/OL-BRTS/2022/11015

Dated: 14th October 2022

Project Director,
 Orange Line BRTS,
 Sindh Mass Transit Authority (SMTA),
 Government of Sindh,
Karachi.

**SUBJECT: FIRMED UP COST ESTIMATES AS PER FACILITATION &
 IMPELMENTATION AGREEMENT FOR ORANGE LINE BRTS (THE
 PROJECT).**

With reference to your letter No. SMTA/BRTS-OL/2022/ dated 03rd October 2022 on the subject cited above, the revised cost of PC-I "Operationalization of Orange Line BRTS" (Buses & IITS Equipment) Part B is attached along with "Annexures from A to F" and supporting documents.

A handwritten signature in black ink, appearing to read "Muzaffar Jameel".

Muzaffar Jameel
 Chief Financial Officer, SIDCL
 For Chief Executive Officer, SIDCL

Cc:

- Managing Director, SMTA, GoS, Karachi
- The Chief Executive Officer, SIDCL
- PS to Chairman, P & D Board, Government of Sindh
- PS to Secretary, Finance Department, Government of Sindh
- Master file

Government of Pakistan
Ministry of Planning, Development & Special Initiatives
Sindh Infrastructure Development Company Limited (SIDCL)

OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI.

REVISED PC-I

(Buses & IITS Equipment) Part B

Description	Amount in FEC (USD)	Original PC-I (Rs. in million)	Revised PC-I (Rs. in million)	Comments
CAPEX COST				
12m Diesel Hybrid Buses (20 Nos.)	\$ 3,110,600	497,696,000		
Full spare parts package for BRTS vehicles from delivery of vehicle through the duration of the contract.	\$ 365,300	58,448,000	677,572,145	<ul style="list-style-type: none"> - Cost of Buses Rs 677 572 Million (USD 3.488m) - Taxes include taxes (L/C) paid on import of buses and its parts - Detailed breakup of Cost as at <u>Annexure-A</u>
Supply of tools and diagnostic equipment for BRTS vehicles	\$ 12,200	1,952,000		
Taxes & Duties (Buses, Spare Parts & tools)		179,170,560	235,320,963	
IITS (Hardware + Software)	\$ 2,377,977	380,476,320	310,583,815	<ul style="list-style-type: none"> - Detailed breakup of Cost as at <u>Annexure-B</u> - Contract cost of IITS Package A of Rs. 205.898m and B of Rs. 85.083m is inclusive of all taxes and duties.
Total (A) in PKR	\$ 5,866,077	1,178,379,186	1,223,476,923	
OPEX COST				
Bus Ops O&M	187,234,740	561,704,220	475,081,443	
Total Revenue (Fare + Non-Fare)	172,915,628	518,746,884	61,320,000	<ul style="list-style-type: none"> - Detailed breakup of Bus Operator Cost at Rs 156/km as at <u>Annexure-C</u> - Bus Operator cost is net of Fare Revenue
Operations Deficit (5a-5b)	14,319,112	42,957,336	413,761,443	
ITS Operations	11,230,000	33,700,000	120,493,300	ITS Maintenance and support cost for Package A & B of Rs 46,496 m and Rs 63,600 m, respectively. Cost basis as at <u>Annexure-B</u>
ITS Maintenance	-	44,000,000		
Station Management	43,200,000	129,600,000	391,588,727	<ul style="list-style-type: none"> It covers the cost of station management and Clearing House (Fund Management) - Detailed breakup of Cost as at <u>Annexure-D1 & Annexure-D2</u>
Operation Unit	20,000,000	60,000,000	60,000,000	
Maintenance supervision of vehicles	\$ 254,600	40,736,000	42,429,090	
Maintenance training program	\$ 2,800	448,000	466,620	
Driver training program	\$ 2,300	368,000	383,295	
Vehicle homologation & registration	\$ 103,200	16,512,000	17,287,591	
Total (B) in PKR		368,321,336	1,046,410,065	
Add: 2% Consultancy Charges (Design, Transaction, Legal & Ops Advisory)	-	30,934,010	66,536,146	<ul style="list-style-type: none"> - Detailed breakup of Cost as at <u>Annexure-E</u> - Cost of Consultancy contracts is charged at 16% to Orange Line
Add: 2% Contingencies (Unforeseen/Hedging/Price Variation/Ancillary)	-	30,934,010	45,397,740	
Add: 2% Insurance of Government Asset (0.67% per year)	-	30,934,010	54,898,351	<ul style="list-style-type: none"> - Determined on the basis of one year premium paid to NICL for Marine, Motor and Fire insurance for Buses and IITS Equipment - Detailed breakup of Cost as at <u>Annexure-F</u>
Add: 2% Establishment Charges of SIDCL	-	30,934,010	45,397,740	
Improvement in Infrastructure (Physical Integration & Infra Maintenance)	-	450,000,000	500,000,000	Due to increase in price of Steel, Bitumin, Cement and etc
Total (C) in PKR		573,736,040	712,229,976	
TOTAL (A+B+C+D)		2,120,436,562	2,982,116,965	
AMOUNT REQUIRED TO BE APPROVED UNDER THIS REVISED PC-I			861,680,403	



Unit Price: (USD)	174,405
Quantity:	20
Total Amount (USD)	<u>3,488,100</u>

Milestones	%	Payment Date	USD	USD Rate	PKR (Tentative)
Advance payment	-	01-Aug-21	872,025	167.95	146,456,599
On shipment from Origin Country	53.3%	13-May-22	1,325,478	194.50	257,805,471
On Delivery at Karachi Port	26.7%	13-May-22	662,739	194.50	128,902,736
On Issuance of Certificate of Compliance	13.3%	Unpaid	331,370	230	76,215,100
After finished 3 Years Warranty	6.7%	Unpaid	174,405	230	40,113,150
30 Days from First Release Certificate		Unpaid	122,083	230	28,079,090
Buses Cost	100%		3,488,100		677,572,145 (A)
Add: Taxes & Duties					170,023,731
Add: Lien charges on LC to NBP					65,297,232
					235,320,963 (B)
Services Cost:					
Maintenance supervision of vehicles	100%	Unpaid	254,600	166.65	42,429,090 (C)
Driver Training	100%	Unpaid	2,300	166.65	383,295 (D)
Maintenance Training Program					
- 8 months from Notice to Proceed	50%	Unpaid	1,400	166.65	233,310 (E)
- Prior to issuance of First Release Certificate	50%	Unpaid	1,400	166.65	233,310 (F)
Vehicle Registration	100%	Unpaid	103,200	166.65	17,287,591
			362,900		60,566,596
Total Buses Cost			3,851,000		973,459,704

Detail of Taxes & Duties on Buses:

Particulars of	USD	Total
		Rupees
Import Value (Tentative) asuming USD Rate Rs 192.25	<u>3,488,100</u>	<u>679,993,840</u>
Sindh Stamp Duty		1,000
CESS		8,499,926
Customs Duty		31,821,361
Sales Tax		121,884,326
Income Tax		-
Wharfage Charges		2,137,354
Shipping Line Charges		35,000
Clearing Agent Charges		493,295
Additional Customs Duty		5,151,469
Total		170,023,731



Price of Schedule for Goods pertaining to 12-meter BRTS vehicles

Item	Description	Country of origin	Quantity and Unit of Measurement (No.)	Unit Price DAP (Delivered at Place) - including transportation to Project site, Karachi, Pakistan)	Total DAP Price per item
i	Supply of 12 meter BRTS vehicles	China	3	4	5 $6 = 4 \times 5$
ii	Full spare parts package for BRTS vehicles from the delivery of the vehicle through the duration of contract	China	20 buses	\$155,530.00	\$311,060.00
iii	Supply of tools and diagnostic equipment for BRTS vehicle	China	Lump sum	\$365,300.00	\$365,300.00
Total (B1)			1 set	\$12,200.00	\$12,200.00
					\$3,488,100.00

Price of Schedule for related services pertaining to 12 meter BRTS vehicles

Item	Description	Country of origin	Quantity and Unit of Measurement	Unit Price	Total Price
i	Maintenance supervision of vehicles	Pakistan	3	4	5 $6 = 4 \times 5$
ii	Maintenance training program	Pakistan	36 months	\$7,072.72	\$254,600.00
iii	Driver training program	Pakistan	Lump sum	\$2,800.00	\$2,800.00
iv	Completion of full vehicle homologation, registration, and licensing for BRTS vehicles	Pakistan	Lump sum	\$2,300.00	\$2,300.00
Total (B2)				\$103,200.00	\$362,900.00

Note: The Supplier shall list all such components in Bidding Form F2 (submitted as part of its Bid) that shall be procured or arranged locally in Pakistan but form part of the overall Goods, such as lubricants and/or engine oil.

The Supply Price for Goods corresponding to such locally sourced components shall be paid to the Supplier's Local Agent in PKR (USD amount converted into equivalent PKR based on the Conversion Rate) and not be paid through the Letter of Credit.

Unit Price: (USD)	174,405
Quantity:	20
Total Amount (USD)	<u>3,488,100</u>

Milestones	%	Payment Date	USD	USD Rate	PKR (Tentative)
Advance payment	-	01-Aug-21	872,025	167.95	146,456,599
On shipment from Origin Country	53.3%	13-May-22	1,325,478	194.50	257,805,471
On Delivery at Karachi Port	26.7%	13-May-22	662,739	194.50	128,902,736
On Issuance of Certificate of Compliance	13.3%	Unpaid	331,370	230	76,215,100
After finished 3 Years Warranty	6.7%	Unpaid	174,405	230	40,113,150
30 Days from First Release Certificate		Unpaid	122,083	230	28,079,090
Buses Cost	100%		3,488,100		677,572,145

Add: Taxes & Duties	-	170,023,731
Add: Lien charges on LC to NBP		<u>65,297,232</u>
		235,320,963

Services Cost:

Maintenance supervision of vehicles	100%	Unpaid	254,600	166.65	42,429,090
Driver Training	100%	Unpaid	2,300	166.65	383,295
Maintenance Training Program					
- 8 months from Notice to Proceed	50%	Unpaid	1,400	166.65	233,310
- Prior to issuance of First Release Certificate	50%	Unpaid	1,400	166.65	233,310
Vehicle Registration	100%	Unpaid	103,200	166.65	17,287,591
			362,900		60,566,596
Total Buses Cost			3,851,000		973,459,704

Detail of Taxes & Duties on Buses:

Particulars of	USD	Total Rupees
Import Value (Tentative) asuming USD Rate Rs 192.25	<u>3,488,100</u>	679,993,840
Sindh Stamp Duty		1,000
CESS		8,499,926
Customs Duty		31,821,361
Sales Tax		121,884,326
Income Tax		-
Wharfage Charges		2,137,354
Shipping Line Charges		35,000
Clearing Agent Charges		493,295
Additional Customs Duty		5,151,469
Total		170,023,731





NATIONAL BANK OF PAKISTAN
CORPORATE BRANCH (1862)
Karachi

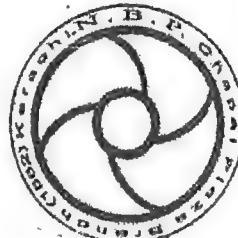
07/09/2021

SIDCL

Drawer ZHONGTONG BUS	LC/NO. LC/1027/00002/21	B.E.No. 1212S21	TOT FC AMT. BILL AMOUNT BILL AMOUNT1 F.C Charges	USD USD USD USD	872,025.00 872,025.00 0.00 0.00
RECOVERIES:	USD @ 167.950000000		872,025.00	Rs	146,456,599.00
	USD @ 0.000000000		0.00	Rs.	0.00
	USD @ 0.000000000		0.00	Rs	0.00
Steamer BL/AWB No. Date / /			BILL OF EXCHANGE A/C NO. 2005	Rs	146,456,599.00
Drafts	DOCUMENTS 0	Pls Inc MUP @ 40 PAISA O.R	Per day Per 1000		
Invoices		KIBOR 0.00000 + 4%			
BL/AWB		From / / To / /	000 Days	Rs.	0.00
Packing List		PLS ADVISE COMM A/C NO. 449			
Vessel Cert		MUP RECEV ON B/E A/C NO. 4424			
Shipment Advice		From / / To / /	000 Days	Rs.	0.00
Others		P & T Charges A/C No. 4269		Rs.	0.00
<u>DEAL NO.</u>		Bank Sev. Chg (Comm) A/C No. 4002		Rs.	0.00
Imp Form No.	0	Commission A/C No. 4002 (Accep comm @ 0.1% per month)		Rs.	0.00
Date	07/09/2021	USANCE COMMISSION A/C NO. 4002		Rs.	0.00
FET NO.		OTHER COMMISSION A/C NO. 4002		Rs.	0.00
		FEDERAL EXCISE DUTY (F.E.D) A/C NO. 4329-5		Rs.	0.00
		Total Amount Due		Rs	146,456,599.00
		Less Margin Held A/C No. 4003-8		Rs	0.00
		Debit/Credit A/C No. 4545 SIDCL	4545	Rs	146,456,599.00

AUTHORISED SIGNATURE

AUTHORISED SIGNATURE





NATIONAL BANK OF PAKISTAN
CORPORATE BRANCH (1862)
Karachi

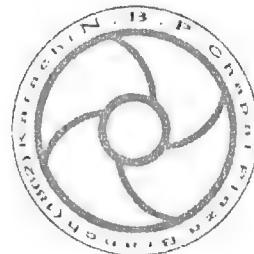
16/05/2022

SINDH INFRA STRUCTUR

Drawer ZHONGTONG BUS	LC/NO. LC/1027/00002/21	B.E.No. 0456S22	TOT FC AMT. BILL AMOUNT BILL AMOUNT1 F.C Charges	USD USD USD USD	1,325,373.00 1,325,373.00 0.00 0.00
RECOVERIES	USD @ 194.500000000		1,325,373.00	Rs	257,785,049.00
	USD @ 0.000000000		0.00	Rs.	0.00
	USD @ 0.000000000		0.00	Rs	0.00
Steamer BL/AWB No. Date / /		BILL OF EXCHANGE A/C NO. 1110201010		Rs:	257,785,049.00
DOCUMENTS		Pls Inc MUP @ 40 PAISA Per day Per 1000 O.R KIBOR 0.00000 + 4%			
Drafts	0	From / / To / / 000 Days		Rs.	0.00
Invoices	0	PLS INCOME A/C NO. 4491		Rs	0.00
BL/AWB		MUP RECEV ON B/E A/C NO. 4424		Rs	0.00
Packing List	0	From / / To / / 000 Days		Rs	0.00
Vessel Cert	0	P & T Charges A/C No. 6070430008		Rs	0.00
Shipment Advice	0	Bank Sev. Chg (Comm) A/C No. 6070323000		Rs	0.00
Others	0	Commission A/C No. 6070323000 (Accep comm @ 0.1% per month)		Rs.	20,423.00
<u>DEAL NO.</u>		USANCE COMMISSION A/C NO. 6070323000		Rs	0.00
Imp Form No.	0	OTHER COMMISSION A/C NO. 6070323000		Rs	0.00
Date	16/05/2022	FEDERAL EXCISE DUTY (F.E.D) A/C NO. 4045421969		Rs	0.00
FET NO.		Total Amount Due		Rs	257,805,472.00
		Less Margin Held A/C No. 4045421030		Rs	0.00
		Debit/Credit A/C No. 4545		Rs	257,805,472.00
		SINDH INFRA STRUCTUR			

AUTHORISED SIGNATURE

AUTHORISED SIGNATURE





**NATIONAL BANK OF PAKISTAN
CORPORATE BRANCH (1862)
Karachi**

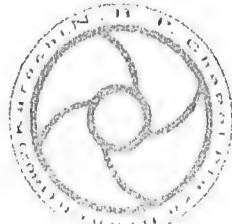
16/05/2022

SINDH INFRA STRUCTURE

Drawer ZHONGTONG BUS	LC/NO. LC/1027/00002/21	B.E.No. 0455S22	TOT FC AMT. BILL AMOUNT BILL AMOUNT1 F.C Charges	USD USD USD USD	662,739.00 662,739.00 0.00 0.00	
RECOVERIES:	USD @ 104.500000000		662,739.00	Rs	128,902,736.00	
	USD @ 0.000000000		0.00	Rs.	0.00	
	USD @ 0.000000000		0.00	Rs	0.00	
Steamer BL/AWB No. Date / /	BILL OF EXCHANGE A/C NO. 2005			Rs	128,902,736.00	
DOCUMENTS	Pls Inc MUP @ 40 PAISA Per day Per 1000 O.R KIBOR 0.00000 + 4% From / / To / / 000 Days PLS COMM A/C NO. 4002 MUP RECEV ON B/E A/C NO. 4424 From / / To / / 000 Days P & T Charges A/C No. 4269 Bank Sev. Chg (Comm) A/C No. 4002 Commission A/C No. 4002 (Accep comm @ 0.1% per month) USANCE COMMISSION A/C NO. 4002 OTHER COMMISSION A/C NO. 4002 FEDERAL EXCISE DUTY (F.E.D) A/C NO. 4329-5 Total Amount Due Less Margin Held A/C No. 4003-8 Debit/Credit A/C No. 4545 SINDH INFRA STRUCTUR					
Drafts	0	Rs. 0.00				
Invoices	0	Rs. 0.00				
BL/AWB		Rs. 0.00				
Packing List	0	Rs. 0.00				
Vessel Cert	0	Rs. 0.00				
Shipment Advice	0	Rs. 0.00				
Others	0	Rs. 0.00				
DEAL NO.						
Imp Form No.	0	Rs. 0.00				
Date	16/05/2022	Rs. 0.00				
FET NO.		Rs. 0.00				
		Rs. 128,902,736.00				
		Rs. 0.00				
		Rs. 128,902,736.00				

AUTHORISED SIGNATURE

AUTHORISED SIGNATURE



GOVERNMENT OF SINDH

Excise and Taxation Department

MCC Appraisal - East Wharf, Import - Bulk - KC4277

INFRASTRUCTURE CESS

CHALLAN

(See Section 9 of Sindh Finance Act. 1994)

Head Of Account:	B-03078 & B-02717	Cess for maintenance & development of infrastructure & Stamp-Duty on Bill-of-Entry
Challan Number:	CS-KEWB-015582-16052022	Date: 16-05-2022
B/E GD Number:	KEWB-HC-16361-16-05-2022	GD Date: 16-05-2022
B/E Cash Number:	C-KEWB-000861-16052022	Payment Date: 16-05-2022
Trader Name:	SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED	
Trader Address:	6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX-4, GIZRI, Karachi South Saddar Town	
Clearing Agent:	UF LOGISTICS	
Number of Containers:	0	
Assessed Value:	PKR 679,993,840	
Gross Weight:	240.0000	
Net Weight:	240.0000	
Cess Amount:	@ 1.2500% : Rs. 8,499,923	
Amount Charged on Distance:	3	
CESS Amount :	PKR 8,499,926	
Stamp Duty on B.E (B-02717):	PKR 1,000	
Total Payment Amount:	PKR 8,500,926	

For Bank Use

Amount will be deposited in same bank branch where Customs dues are paid

Bank Scroll No. :

Amount Received _____

Pay Order Rs. _____ Cash Rs. _____

This is computer generated receipt and does not require bank stamp and signature



Pakistan Customs

Cash Payment Receipt

Cash Number: C-KEWB-000861-16052022

Payment Date and Time : May 16, 2022 17:17:59

Particulars of GD

GD Number: KEWB-HC-16361-16-05-2022 IGM Number: 173 Index Number: 61
Vessel Name: LEO I BL / AWB No: VGSKR086
Agent Name: UF LOGISTICS

Packag Type UNITS	Number of Package 20.000
----------------------	-----------------------------

Particulars of Payee

NTN: 9010043 Name: SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED

Payee Address: 6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX-4, GIZRI, Karachi South Saddar Town

Payment Breakup

Duty Name	Amount
Additional Custom Duty	5,151,469
Additional Sales Tax	0
Customs Duty	31,821,361
Income Tax	0
Sales Tax	121,884,326

Total Amount : 158,857,156/-

Amount in Words: One Hundred Fifty Eight Million Eight Hundred Fifty Seven Thousand One Hundred Fifty Six Rupees And No Paisas Only/-

Particulars of Payment

Mode PD Account	PSID No	Bank Non Bank	City No City	Branch No Branch	Instrument No PD Account	Amount
						158857156.00

This is computer generated receipt and does not required bank stamp and signature

Annexure D.1

Import Manifest

The House Bill number is 10018. The date of issue is 17 MAY 2022. B.O. 10018 ref. A.R. 10018.

House Bill No. 10018 Date: 17 MAY 2022

Manifest Date: 17 MAY 2022

Entered: 17 MAY 2022

HSN: 8403.10.00.00.00.00

HSN: 8403.10.00.00.00.00

Nature of U.P.: EXHIBIT

U.P. No.: CHAL 900

Bill Date: 17 MAY 2022

Arrival Date: 11 MAY 2022

Index No. & BIL No.	Bill of Entry	Mark No.	Model No.	Volume (C.Y.)	Descript. Description
Refugee C	CHAL 900	10018	10018	1	REFUGEE C
Refugee C	CHAL 900	10018	10018	1	CHASSIS NO & ENGINE NO. AS PER LIST
Refugee C	CHAL 900	10018	10018	1	ATTACHED WITH B/L
					F.A.C.L./L.C.L./Break Bulk Cargo (except item b) 1

U.S.No. 11 charges to collection.

1. 10018/10018

11. 10018/10018

Ref.	Description	Amount
10018 Per 1-CM2	657,500.00	
10018 Per 1-N	85,488.00	

Comments:

Food
Food for refugees
Food for refugees

Amount in words: Seven Hundred Five (705) Rupees and Eighteen (18) Paisa
Amount in Rupees: 743,988.00



- Arrived and Cleared
- Under Objection
- Objection Cleared

MARIABA SERVICES

PLOT # B11, GHA, NEAR GULZAR MOSQUE, MASAN ROAD, KEMARI, KARACHI, PAKISTAN.
TEL # 92-21-32850921- CELL # 0341-2588876

RECEIPT

Receipt # 21

Date 16-05-2022

Received with thanks from SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD.

the sum of ONE MILLION THREE HUNDRED NINETY FOUR THOUSAND TWO HUNDRED SEVENTY ONLY.

by P.O

P.O No 07795522

Date 13-05-2022

Drawn Bank

Against B/L No(s).

RECEIVED P.O AGAINST VSL LEO 1 V-VG07 BL# VGSKR086

Remarks _____

PAK 1,394,270.00

for: MARIABA SERVICES



Accounts Department

LEGEND SHIPPING & LOGISTICS PVT LTD

Plot # 35 C Phase 5, 27 Commercial Street DHA Tukheed Commercial Defence Karachi, Pakistan.
Tel. 35177821, 03002160252, Fax: 35177823, Email: operation@legendsshipping.com.pk

R E C E I P T

Receipt # 3694

Date May 16, 2022

Received with thanks from SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD.

the sum of Rupees Thirty Five Thousand Only

by P.O. P.O. No 07795521 P.O. Date 13/05/2022

Drawn Bank

Against B/L No(s). Received Cheque Against BL #: VGSKR086 (PAK 35,000/=)

Remarks Received Cheque Against BL #: VGSKR086 (PAK 35,000.00/=), Receipt No 3694 From SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LTD.

PAK 35,000.00

for: LEGEND SHIPPING & LOGISTICS PVT LTD


Prepared By

Accounts Department



SALES TAX INVOICE

Customer	1060101010466	SST Invoice No.	1436
SINDH INFRASTRUCTURE DEVELOPMENT CO. LTD 6TH FLOOR EXT. BLOCK, BAHRIA COMPLEX IV, GIZRI KARACHI		Invoice Date	19/05/2022
		Our PNTN No.	3562162-1
		Reference Invoice No.	101545
		Shipment Details	CL-INV
House AWB / BL	VGSKR086	G/D No	HC-16361
Master AWB / BL		G/D Date	16/05/2022
Pieces	20	IGM / EGM No.	0173
Weight (in Kgs)	240000.00	IGM / EGM Date	10/05/2022
Goods Desc.	20 UNITS BRT VEHICLES ZHONGTONG LCK6120GHEV	Index No.	61
		Bill No.	VGSKR086
		Bill Date	20/04/2022
Terms of Sale Service	Import Value 679,967,095.37	Comission Rate Min	Minimum Charges 282,000.00

Customs Clearance of Import/Export Consignments.

Charges Detail	Amount (PKR)
Value Exclusive of Sales Tax :	282,000.00
Sales Tax (%) :	13.00
Sales Tax :	36,660.00
Value Inclusive of Sales Tax :	318,660.00

PKR: Three Hundred and Eighteen Thousand Six Hundred and Sixty Only

(Authorised Signature)



U.F. Logistics

web: www.ufgroup.pk



HO House#: 6-E, Block H, Gulberg II, Lahore - Pakistan Tel. +92 42 35714920-1

Karachi Office Suite No 502, 5th Floor, Mehdi Towers, Shahrah-e-Faisal, P.E.C.H.S, Karachi. Tel. +92 21 34328840-41

SALES TAX INVOICE

Customer 1060101010466

SINDH INFRASTRUCTURE DEVELOPMENT CO. LTD
6TH FLOOR EXT. BLOCK, BAHRIA COMPLEX IV,
GIZRI KARACHI

PST Invoice No.	1438
Invoice Date	19/05/2022
Our PNTN No.	3562162-1
Reference Invoice No.	101547
Shipment Details	CL-INV

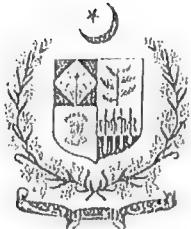
House AWB / BL	VGSKR086	G/D No	HC-16361
Master AWB / BL		G/D Date	16/05/2022
Pieces	20	IGM / EGM No.	0173
Weight (in Kgs)	240000.00	IGM / EGM Date	10/05/2022
Goods Desc.	20 UNITS BRT VEHICLES & SPARE PARTS	Index No.	61
		Bill No.	VGSKR086
		Bill Date	20/04/2022
Terms of Sale Service	Import Value 73,592,348.00	Comission Rate 0.2100%	Minimum Charges 154,544.00

Customs Clearance of Import/Export Consignments.

Charges Detail	Amount (PKR)
Value Exclusive of Sales Tax :	154,544.00
Sales Tax (%) :	13.00
Sales Tax :	20,091.00
Value Inclusive of Sales Tax :	174,635.00

PKR: One Hundred and Seventy Four Thousand Six Hundred and Thirty Five Only

(Authorised Signature)



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVE
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/COO/OPS/2020/8222
Dated: 11th December, 2020

M/s Zhongtong Bus Holding Co. Ltd.
Through Authorized Rep.
Mr. Shakoor Ahmed Khan
Karachi.

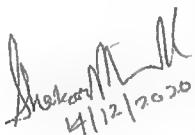
Project: SUPPLY OF GOODS AND PERFORMANCE OF SERVICES FOR BUS RAPID TRANSIT SYSTEM OF ORANGE & GREEN LINES – PPRA TENDER NO. TS424844E

Subject: NOTIFICATION OF AWARD (UNDER ITB 30 OF RFP)

This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal submitted 20th August 2020 for execution of the '[Orange Line Supply Contract & Green Line Supply Contract]', subject to respective notices to proceed, each in the form attached to the Bidding Documents (the "Supply Contracts") for the Supply Price in the aggregate of USD 28,116,200 US DOLLARS (**TWENTY-EIGHT MILLION ONE HUNDRED AND SIXTEEN THOUSAND TWO HUNDRED UNITED STATES DOLLARS**), as corrected and modified in accordance with the Bidding Documents is hereby accepted by the Employer.

S. No.	Description	US Dollars (Million)
1	A1 – Green Line (Price for goods to be paid in US \$)	22,494,200
2	A2 – Green Line (Price of services to be paid in PK Rupees)	1,771,000
3	B1 – Orange Line (Price for goods to be paid in US \$)	3,488,100
4	A2 – Orange Line (Price of services to be paid in PK Rupees)	362,900
	Total	28,116,200

2. You are requested to countersign and furnish your acceptance of this Notification of Award within seven (07) days of issuance of this Notification of Award which shall constitute your acceptance of this Notification of Award (the "Letter of Acceptance") and thereafter sign



the Supply Contracts (in the forms attached to the Bidding Documents) subject to respective notices to proceed, within [thirty (30) days] of issuance of this Notification of Award. One (01) day prior to the date of signing of the Supply Contracts you are required to furnish the Performance Bonds. Failure to furnish the Letter of Acceptance, execute the Supply Contracts or furnish the Performance Bonds each within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.

3. This Notification of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and the bidder during the contract negotiations including supply schedules and LC formalities. SIDCL and M/s Zhongtong Bus Holding Company limited have further agreed that establishing LC and other contractual formalities may take time on either side of parties; however, M/s Zhongtong has unconditionally agreed to proceed with the design of prototype and technical prerequisites without waiting for signing of contracts and initial payments. This is to ensure supply of buses within the overall agreed timelines.

4. This Notification of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between yourself and the Employer, a binding contract between us until the aforesaid Supply Contracts are executed.

5. We would appreciate immediate notification and in any case within [seven (07) days] of award, of your acceptance of this Notification of Award i.e., the Letter of Acceptance, by returning one copy of this Notification of Award after affixing your signature in the space provided below.



Khaqan
(Khaqan Murtaza)
Chief Executive Officer

For Sindh Infrastructure Development Company Limited

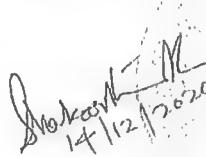
 **WITNESSES:**

1. Signature:

Name: RILAL AHMED MEMON
S/O: SIRAF AHMED MEMON
Address: COO SIDCL KARACHI
Passport / CNIC: 41000-00150733-5

2. Signature:


Name: Khadiim Hussain Mirani
S/O: Qadir Bux Mirani
Address: CFO - SIDCL, Karachi
Passport/ CNIC: 15502-0299654-7


Date: 14/12/2020

ACCEPTED

For and on behalf of the successful Bidder
[Authorized Signature] *M. A. Khan [Attorney]*
[Name and Title of Signatory] *SHAKUR AHMED KHAN / GM MARKETING & SALES*
[Name of successful Bidder] *ZHONGTONG BUS HOLDING CO. LTD*
[Date] *14-12-2020*

WITNESSES:

1. Signature:

Name: LI JI LIU
S/O: LI CHANG YE
Address: ZHONGTONG Bus HOLDING COMPANY LIMITED.
Passport / CNIC: EF6453323

Copy to:

- The Chief Operating Officer, SIDCL, Karachi.

2. Signature:

Name: CHEN LINDE
S/O: CHEN YONGMAO
Address: ZHONGTONG Bus HOLDING CO. LTD.
Passport/CNIC: ES0709604

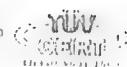
SIDCL
Ref # 11260
DATE 14-12-2020

10:35 AM



U.F. Logistics

web: www.ufgroup.pk



HO: House# 6-E, Block H, Gulberg II, Lahore - Pakistan Tel: +92 42 35714920-1
 Karachi Office: Suite No 502, 5th Floor, Mehdi Towers, Shahrah-e-Faisal, F.E.C.H.S, Karachi Tel: +92 21 34328840-41

Account Code	1060101010466					
SINDH INFRASTRUCTURE DEVELOPMENT CO. LTD 6TH FLOOR EXT. BLOCK, BAHRIA COMPLEX IV. GIZRI KARACHI						
Contact Person :TAMOR ALI SB						
SRO No.						
Port Of Ship.	SHANGHAI					
Port Of Clear.	KARACHI					
Goods Desc.	20 UNITS BRT VEHICLES & SPARE PARTS					
Currency	USD	Ex. Rate	192.250000			
Mawb/Mbl No.	VGSKR086					
Hawb/Hbl No.						
PARTICULAR						
Custom Duty	Paid By Party					
	AMOUNT (PKR)					
Additional Custom Duty	31,821,361.00					
Sales Tax	5,151,469.00					
Sindh Excise Duty	121,884,326.00					
Port Charges (KPT)	8,500,926.00					
D.O.Charges (Legend Shipping)	738,000.00					
Stevedor Charges (Marhaba Services)	5,084.00					
Service Charges (20BUSES)	35,000.00					
SST Amount @ 13.00 %	1,394,270.00					
	282,000.00					
	36,660.00					
Gross Invoice	323,744.00					
Advance						
PKR: Three Hundred and Twenty Three Thousand Seven Hundred and Forty Four Only	323,744.00					

CUSTOM OPERATION

Prepared By

Checked By

Authorised Signature

Terms & Conditions,

- 1) Any discrepancy found in this invoice must be notified to us within 7 days from the date of receipt, otherwise this invoice will be considered correct and accepted.
- 2) 20% extra financial charges per annum shall be charged to the amount of invoice, if the invoice or part thereof is not paid within agreed credit limit.
- 3) Goods stored in our godown shall be at owner's risk.
- 4) Exchange rate should be applied according to National Bank of Pakistan on the day of payment.



U.F. Logistics

WEB www.wifgroup.net



H.Q. House #9, G-E, Block H, Gulberg II, Lahore - Pakistan Tel: +92 42 35714920-1
Karachi Office: Suite No 502, 5th Floor, Mehdi Towers, Shahrah-e-Faisal, P.E.C.H.S, Karachi Tel: +92 21 34328840-4

Account Code	1060101010466		
SINDH INFRASTRUCTURE DEVELOPMENT CO. LTD 6TH FLOOR EXT. BLOCK, BAHRIA COMPLEX IV, GIZRI KARACHI			
Contact Person :TAMOR ALI SB			
SRO No.			
Port Of Ship.	SHANGHAI		
Port Of Clear.	KARACHI		
Goods Desc.	20 UNITS BRT VEHICLES & SPARE PARTS		
Currency	USD	Ex. Rate	192.250000
Mawb/Mbl No.	VGSKR086		
Hawb/Hbl No.			

INVOICE			
Invoice No.	UFLHE/CC/101547	Date	19/05/2022
Job No.	LHE/SI/101351	Date	10/05/2022
Our GST No.	0300356216214	NTN#	3562162-1
IGM No.	0173	Date	10/05/2022
BE No.	HC-16361	Date	16/05/2022
BE For	HC	Index	61
Your Ref #	ZTP20220324		
No. Of Pkgs	20 UNITS	Disp. Date	
Grs. Weight	240000.00	Net Weight	240000.00
C & F Value	USD 377,500.00	Import Value	73,592,348.00

PARTICULAR	Paid By Party	Paid By Us
	AMOUNT (PKR)	AMOUNT (PKR)
Service Charges (SPARE PARTS) @ 0.2100 %		154,544.00
PST Amount @ 13.00 %		20,091.00
Gross Invoice		174,635.00
Advance		
PKR: One Hundred and Seventy Four Thousand Six Hundred and Thirty Five Only		174,635.00

CUSTOM
OPERATIONS

Prepared By

Checked By

Authorised Signature

Terms & Conditions.

- TERMS & CONDITIONS:**
1) Any discrepancy found in this invoice must be notified to us within 7 days from the date of receipt, otherwise this invoice will be considered correct and accepted.
2) 20% extra financial charges per annum shall be charged to the amount of invoice, if the invoice or part thereof is not paid within agreed credit limit.
3) Goods stored in our godown shall be at owner's risk
4) Exchange rate should be applied according to National Bank of Pakistan on the day of payment

Government of Pakistan
 Ministry of Planning, Development & Special Initiatives
 Sindh Infrastructure Development Company Limited (SIDCL)

OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI.

(IITS Hardware & Software)

Package A

Contract: Integrated Intelligent Transport System (IITS) Package A for BRTS (Green Line) Karachi

Contractor: National Radio & Telecommunication Corporation Joint Venture with Kentkart

Contract Date: 26th March 2021

Breakup of Hardware & Software Implementation and Maintenance Cost:

Sr. No.	Particulars	Hardware & Software Cost Rs.	Service & Maintenance Cost Rs.	Total Rs.
1.	Contract Cost (including taxes and duties)	205,898,157	46,495,987	252,394,144
2.	Additional cost of IITS equipment's to be procured in case of malfunctioning	8,157,802	1,842,198	10,000,000
	Subtotal	214,055,960	48,338,184	262,394,144

Package B

Contract: Integrated Intelligent Transport System (IITS) Package B for BRTS (Green Line) Karachi

Contractor: Consortium of National Logistics Cell (NLC), MHG Engineering (Private) Limited and WAVETEC (Private) Limited

Contract Date: 09th April 2021

Breakup of Hardware & Software Implementation and Maintenance Cost:

Sr. No.	Particulars	Hardware & Software Cost Rs.	Service & Maintenance Cost Rs.	Total Rs.
1.	Contract Cost (including taxes and duties)	85,082,971	63,600,000	148,682,971
2.	Additional cost of IITS equipment's to be procured in case of malfunctioning	11,444,884	8,555,116	20,000,000
	Subtotal	96,527,855	72,155,116	168,682,971

Total

(G) 310,583,815 (I) 120,493,300 431,077,115



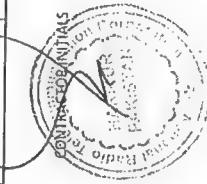
SCHEDULE 2

Schedule of Milestones

TOTAL PROJECT COST: 252,394,144 PKR (PKR two hundred and fifty two million, three hundred and ninety four thousand, one hundred and forty four only)

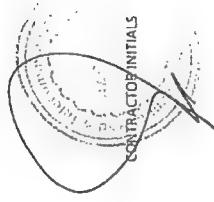
1. Implementation Costs shall be PKR 205,898,157 (PKR two hundred and five million, eight hundred and ninety eight thousand, one hundred and fifty seven only) to be paid as follows and in a manner under Part A, B & C below:

Sr. No	PROJECT MILESTONES	PAYMENT (%)	PAYMENT (PKR)	MOBILIZATION ADVANCE (%)	MOBILIZATION ADVANCE (PKR)	NET PAYMENT (%)	NET PAYMENT (PKR)
1.	Mobilization Advance (Against Guarantee)	10%	20,589,816	-10%	(20,589,816)	0%	0
2.	Factory Acceptance Tests	2%	4,117,963	1%	2,058,982	3%	6,176,945
3.	Delivery of Hardware Products	46%	94,713,152	4%	8,235,926	50%	102,949,079
4.	ITS Functionality Check / System Acceptance Test 1 (SAT1)	11%	22,648,797	1%	2,058,982	12%	24,707,779
5.	ITS trial operation and System Acceptance Test 2 (SAT2)	15%	30,884,724	1%	2,058,982	16%	32,943,705
6.	ITS Final System Acceptance - Overall Acceptance Test (OAT)	16%	32,943,705	1%	2,058,982	17%	35,002,687
7.	Integration Testing with one BRT ITS other than Green & Orange Line	0%	0	1%	2,058,982	1%	2,058,982
8.	Integration Testing with second BRT ITS other than Green & Orange Line	0%	0	1%	2,058,982	1%	2,058,982

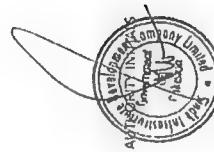


1a. Milestone 3 above may be further divided into 3 sub-milestones as given below:

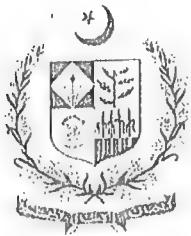
Sr. No	SUB MILESTONES of MILESTONE 3	PAYMENT (%)	PAYMENT (PKR)	MOBILIZATION ADVANCE (%)	MOBILIZATION ADVANCE (PKR)	NET PAYMENT (%)	NET PAYMENT (PKR)
1.	Delivery of 30% of hardware products	15%	30,884,724	0%	0	15%	30,884,724
2.	Delivery of 60% of hardware products	15%	30,884,724	0%	0	15%	30,884,724
3.	Delivery of 100% of Hardware Products	16%	32,943,705	4%	8,235,926	20%	41,179,631



CONTRACTOR'S INITIALS



Page 225 of 267



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/COO/OPS/2021/8741
Dated: 10th March, 2021

M/s NRTC and Kentkart JV;
Through Authorized Rep.
Ms. Sidrah Feroz

Project: DESIGN, DELIVERY, INSTALLATION, OPERATION AND MAINTENANCE AND TRANSFER OF AN INTEGRATED INTELLIGENT TRANSPORT SYSTEM (IITS) FOR GREEN AND ORANGE LINES BRTS IN KARACHI – PPRA PACKAGE A, TENDER NO. TS435671E

Ref: 1-SIDCL Letter No. SIDCL/COO/OPS/2020/8413 Dated: 14th January, 2021
2-SIDCL Letter No. SIDCL/COO/OPS/2020/8460 Dated: 25th January, 2021
3-SIDCL Letter No. SIDCL/COO/OPS/2021/8600 Dated: 17th February, 2021

Subject: LETTER OF AWARD (clause 4.15 of the RFP)

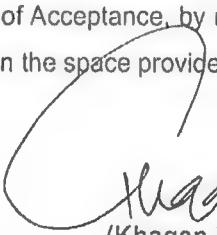
This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal submitted 8th January 2021 for execution of the Design, Delivery, Installation, Operation and Maintenance and Transfer of an Integrated Intelligent Transport System (IITS) Package A Orange Line IITS Contract and the Green Line IITS Contract ("the Project"), each in the form attached to the Bidding Documents (the "Contracts") for the Price in the aggregate of PKR 2,500,018,104/- (*Pakistani Rupees Two Billion Five Hundred Million Eighteen Thousand and One Hundred Four Only*) inclusive of all taxes, as corrected and modified in accordance with the Bidding Documents and Final Evaluation is hereby accepted by the Employer.

S. No.	Description	PKR
1	Green Line (Total Project Cost) C1	2,225,155,960
	Total Package A Technical Items	1,675,852,820.01
	Total Maintenance	441,771,140.38
	IITS Support for 5 years	107,532,000.00
2	Orange Line (Total Project Cost) C2	252,394,144
	Total Package A Technical Items	205,898,157.32

[Handwritten signature]

	Total Maintenance	46,495,986.55
	Aggregate Cost C1 + C2	2,477,550,104

2. You are requested to countersign and furnish your acceptance of this Letter of Award within seven (07) days of issuance of this Letter of Award which shall constitute your acceptance of this Letter of Award (the "Letter of Acceptance") and thereafter sign the IITS Contracts (in the forms attached to the Bidding Documents) within thirty (30) days of issuance of this Letter of Award. At least one (01) day prior to the date of signing of the IITS Contracts you are required to furnish the Performance Bonds / Securities. Failure to furnish the Letter of Acceptance, execute the IITS Contracts or furnish the Performance Bonds each within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.
3. This Letter of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and M/s NRTC and Kentkart JV during the pre-contract meeting including project delivery timelines and LC formalities.
4. This Letter of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between yourself and the Employer, a binding contract between us until the aforesaid IITS Contracts are executed. M/s NRTC and Kentkart JV has also agreed to initiate works under the project without waiting for formal signing of the contract and mobilization, to expedite preliminaries and coordination at site with the client and IITS Package B supplier.
5. We would appreciate immediate notification and in any case within seven (07) days of award, of your acceptance of this Letter of Award i.e., the Letter of Acceptance, by returning one copy of this Notification of Award after affixing your signature in the space provided below.



(Khaqan Murtaza)
 Chief Executive Officer
 For Sindh Infrastructure Development Company Limited

WITNESSES:

1. Signature:

Name: BILAL AHMED
 S/O: _____
 Address: _____
 Passport / CNIC: 42000-0450733-5

2. Signature:

Name: Sohail Ahsan Khan
 S/O: _____
 Address: _____

Passport/ CNIC: 37405-8865842-1

ACCEPTED

For and on behalf of the successful Bidder,

Authorized Signature Brig. Imran Gul (Retd)

Name and Title of Signatory Dy. Managing Director

Name of successful Bidder

Date

10.03.2021

Imran Gul

WITNESSES:

1. Signature:

Name: SYED AMER JAVED
 S/O: _____
 Address: _____

Passport / CNIC: 13101-0998405-1

2. Signature:

Name: SIDRAH FEROZE
 S/O: _____
 Address: _____

Passport/CNIC: 42301-754663-2

Copy to:

- Secretary, Transport & Mass Transit Department, Government of Sindh
- The Chief Operating Officer, SIDCL, Karachi.

SCHEDULE 2

Schedule of Milestones

TOTAL PROJECT COST: PKR 148,682,971 (Pak rupees one hundred forty eight million six hundred eighty two thousand nine hundred seventy one only)

1. Implementation Costs shall be PKR 85,082,971 (Pak Rupees eighty five million eighty two thousand nine hundred seventy one only) to be paid as follows and in a manner under Part A, B & C below:

Sr. No	PROJECT MILESTONES	PAYMENT (%)	PAYMENT (PKR)	MOBILIZATION ADVANCE (%)	MOBILIZATION ADVANCE (PKR)	NET PAYMENT (%)	NET PAYMENT (PKR)
1.	Mobilization Advance (Against Mobilization Advance Bank Guarantee)	10%	8,508,297	-10%	(8,508,297)	0%	0
2.	Factory Acceptance Tests	2%	1,701,659	1%	850,830	3%	2,552,489
3.	Delivery of Hardware Products	46%	39,138,167	4%	3,403,319	50%	42,541,486
4.	ITS Functionality Check / System Acceptance Test 1 (SA11)	11%	9,359,127	1%	850,830	12%	10,209,957
5.	ITS trial operation and System Acceptance Test 2 (SA12)	15%	12,762,446	1%	850,830	16%	13,613,275
6.	ITS Final System Acceptance - Overall Acceptance Test (OAT)	16%	13,613,275	1%	850,830	17%	14,464,105
7.	Integration Testing with one BRT ITS other than Green & Orange Line	0%	0	1%	850,830	1%	850,830
8.	Integration Testing with second BRT ITS other than Green & Orange Line	0%	0	1%	850,830	1%	850,830



1a. Milestone 3 above may be further divided into 3 sub-milestones as given below:

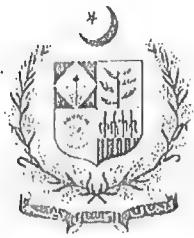
Sr. No	SUB MILESTONE S. MILESTONE 3	PAYMENT (%)	PAYMENT (PKR)	MOBILIZATION ADVANCE (%)	MOBILIZATION ADVANCE (PKR)	NET PAYMENT (%)	NET PAYMENT (PKR)
1.	Delivery of 30% hardware products	15%	12,762,446	0%	0	15%	12,762,446
2.	Delivery of 60% hardware products	15%	12,762,446	0%	0	15%	12,762,446
3.	Delivery of 100% Hardware Products	16%	13,613,275	4%	3,403,319	20%	17,016,594



AUTHORITY INITIALS



Page 198 of 260



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/COO/OPS/2021/8740
Dated: 10th March, 2021

M/s NLC, MGH and Wavetec Consortium;
Through Authorized Rep.
Col. (R) Ijaz

Project: DESIGN, DELIVERY, INSTALLATION, OPERATION AND MAINTENANCE AND TRANSFER OF AN INTEGRATED INTELLIGENT TRANSPORT SYSTEM (IITS) FOR GREEN AND ORANGE LINES BRTS IN KARACHI – PPRA PACKAGE B, TENDER NO. TS435672E

Ref: 1-SIDCL Letter No. SIDCL/COO/OPS/2020/8418 Dated: 14th January, 2021
2-SIDCL Letter No. SIDCL/COO/OPS/2020/8428 Dated: 18th January, 2021
3-SIDCL Letter No. SIDCL/COO/OPS/2020/8463 Dated: 25th January, 2021
4-SIDCL Letter No. SIDCL/COO/OPS/2020/8471 Dated: 25th January, 2021
5- SIDCL Letter No. SIDCL/COO/OPS/2020/8604 Dated: 18th February, 2021

Subject: LETTER OF AWARD (clause 4.15 of the RFP)

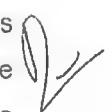
This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal submitted 8th January 2021 for execution of the Design, Delivery, Installation, Operation and Maintenance and Transfer of an Integrated Intelligent Transport System (IITS) Package B for Orange Line IITS Contract and the Green Line IITS Contract ("the Project"), each in the form attached to the Bidding Documents (the "Contracts") for the Price in the aggregate of PKR 922,935,798/- (*Pakistani Rupees Nine Hundred Twenty-Two Million Nine Hundred Thirty-Five Thousand and Seven Hundred Ninety-Eight Only*) inclusive of all taxes, as corrected and modified in accordance with the Bidding Documents and Final Evaluation is hereby accepted by the Employer.

S. No.	Description	PKR
1	Green Line (Total Project Cost) C1	774,252,827
	Total Package A Technical Items	458,183,126.85
	Total Mainlenance	220,069,700.00
	IITS Support for 5 years	96,000,000.00

2	Orange Line (Total Project Cost) C2	148,682,971
	Total Package A Technical Items	85,082,971.47
	Total Maintenance	63,600,000.00
	Aggregate Cost C1 + C2	922,935,798

2. You are requested to countersign and furnish your acceptance of this Letter of Award within seven (07) days of issuance of this Letter of Award which shall constitute your acceptance of this Letter of Award (the "Letter of Acceptance") and thereafter sign the IITS Contracts (in the forms attached to the Bidding Documents) within thirty (30) days of issuance of this Letter of Award. At least one (01) day prior to the date of signing of the IITS Contracts you are required to furnish the Performance Bonds / Securities. Failure to furnish the Letter of Acceptance, execute the IITS Contracts or furnish the Performance Bonds each within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.

3. This Letter of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and M/s NLC, MGH, [REDACTED] and Wavetech JV during the pre-contract meeting including project delivery timelines and coordination with Package A contractor. 

4. This Letter of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between yourself and the Employer, a binding contract between us until the aforesaid IITS Contracts are executed. M/s NLC, MGH, [REDACTED] and Wavetech JV has also agreed to initiate works under the project without waiting for formal signing of the contract and mobilization, to expedite preliminaries and coordination at site with the client and IITS Package A supplier. 

5. We would appreciate immediate notification and in any case within seven (07) days of award, of your acceptance of this Letter of Award i.e., the Letter of Acceptance, by returning one copy of this Notification of Award after affixing your signature in the space provided below.


 (Khaqan Murtaza)
 Chief Executive Officer
 For Sindh Infrastructure Development Company Limited

WITNESSES

1. Signature:

Name: BILAL AHMED
 S/O: _____
 Address: _____
 Passport / CNIC: 42000-0450733-5

2. Signature:

Name: Sohail Abrar Ahmad
 S/O: _____
 Address: _____
 Passport/ CNIC: 37405-6885649-1

ACCEPTED

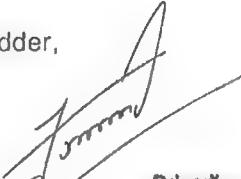
For and on behalf of the successful Bidder,

Authorized Signature

Name and Title of Signatory

Name of successful Bidder

Date



Brigadier
Director Projects NLC Sindh
(Fawad Qamar)

WITNESSES:

1. Signature: M.Z.A.

Name: Muzaffar Ahmed (Retd)
 S/O: Ghulam Sarwar Khan
 Address: NPC Project Directorate
NPC Sindh - Karachi
 Passport / CNIC: 4930162557031

2. Signature: M.Z.A.

Name: Dr. Muhammad Measoor
 S/O: M. Ashraf Talsania
 Address: 94B Samanwaya Society Lahore
 Passport/CNIC: 35602-228638452

Copy to:

- Secretary, Transport & Mass Transit Department, Government of Sindh
- The Chief Operating Officer, SIDCL, Karachi.

Government of Pakistan
 Ministry of Planning, Development & Special Initiatives
 Sindh Infrastructure Development Company Limited (SIDCL)

OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI

OPERATIONS' DEFICIT

Contract: Operations and Maintenance Agreement

Contractor: Daewoo Karachi City Bus Service (Private) Limited

Contract Date: 11th June 2021

<u>As per Actual Contract</u>	<u>With CPI Impact @ 30%</u>		
	<u>Year - 1</u>	<u>Year - 2</u>	<u>Year - 3</u>
72	128	166	216
87	87	113	147
(3)	(3)	(3)	(3)
156	212	276	360

Fee per Km (Rs.) (Approx):

Variable Rate per Kilometer (Rs.)

Fixed Rate per Kilometer (Rs.)

Minimum Lease Payment per Kilometer (Rs.)

Total Km for 30 Days (Km)

Total Km per year (Km)

Minimum Assured Kilometer per year (Km)

Total Bus Operator Fee (Rs.) (Approx):

Total Variable Cost

Total Fixed Cost

Less: Minimum Lease Payment:

(Year 1: Rs. 3/km x 320,000 & Year 2 & 3: Rs. 3/km x 366,667)

Total Bus Operator Fee (Rs.) A

Expected ridership per day

Expected ridership per year

Average Fare per Rider

Expected revenue B

Operations' Deficit (A - B)

	<u>With CPI Impact @ 30%</u>	<u>Year - 1</u>	<u>Year - 2</u>	<u>Year - 3</u>	<u>Total</u>
37800	37800	37800	37800	37800	113,400
453600	453600	453600	453600	453600	1,360,800
720000	720000	720000	720000	720000	2,160,000

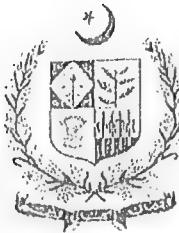
(H)



Particulars		Units	Green Line	Orange Line
Variable Payments				
Per Kilometer Fuel (PKF)	(a)	PKR/km	52	42
Per Kilometer Routine Maintenance (PKM)	(b)	PKR/km	11	10
Per Kilometer Periodic Maintenance (PKPM)	(c)	PKR/km	11	10
Per Kilometer Tires (PKT)	(d)	PKR/km	8	6
Per Kilometer Lubricants (PKL)	(e)	PKR/km	4	4
Total Per Kilometer Variable Charge	(1) = (a) + (b) + (c) + (d) + (e)	PKR/km	86	72
Fixed Payments				
Per Kilometer Insurance (PKI)	(f)	PKR/km	1	1
Per Kilometer Administrative expenses (PKAE)	(g)	PKR/km	14	20
Per Kilometer Management fee (PKMF)	(h)	PKR/km	46	66
Total Per Kilometer Fixed Charge	(2) = (f) + (g) + (h)	PKR/km	61	87
Lease Payments	3	PKR/km	3	3
Total Per kilometer charge	(4) = (1) + (2) + 3	PKR	144	156



A handwritten signature in black ink, appearing to read "Faisal Sohailji".



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVE
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/GM(OPS)/OPS/2021/9105
Dated: 4th May, 2021

M/s Daewoo Pakistan Express Bus Service Limited

Mr. Faisal Ahmed Siddiqui

Karachi.

Project: OPERATIONS AND MAINTENANCE OF BUSES FOR THE BUS RAPID TRANSIT SYSTEM OF GREEN AND ORANGE LINES – PPRA TENDER NO. TS440676E.

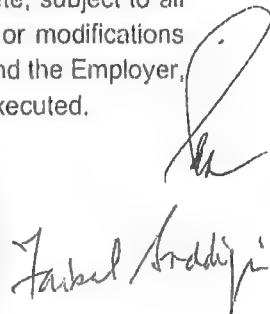
Subject: NOTIFICATION OF AWARD (UNDER ITB 30 OF RFP)

This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal dated March 01, 2021 for execution of the '*Orange and Green Line O&M Agreement*' in the form attached to the Bidding Documents (the "O&M Agreement") for the Kilometre Charge (comprising of the Fixed Kilometre Charge and the Variable Kilometre Charge) of *PKR 144 (Pakistani Rupees One Hundred Forty Four)* for Green Line and *PKR 156 (Pakistani Rupees One Hundred Fifty Six)* for Orange Line, as corrected and modified in accordance with the Bidding Documents is hereby accepted by the Employer.

2. You are requested to countersign and furnish your acceptance of this Notification of Award within seven (07) days of issuance of this Notification of Award which shall constitute your acceptance of this Notification of Award (the "Letter of Acceptance") and thereafter sign the O&M Agreement (in the forms attached to the Bidding Documents) within thirty (30) days of issuance of this Notification of Award. One (01) day prior to the date of signing of the O&M Agreement you are required to furnish the O&M Performance Security and the Corporate Guarantee. Failure to furnish the Letter of Acceptance, execute the O&M Agreement or furnish the O&M Performance Security and the Corporate Guarantee each within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.

3. This Notification of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and M/s Daewoo Pakistan Express Bus Service Limited. This Notification of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between M/s Daewoo Pakistan Express Bus Service Limited and the Employer, a binding contract between us until the aforesaid O&M Agreement is executed.




Faisal Ahmed Siddiqui

Government of Pakistan
 Ministry of Planning, Development & Special Initiatives
 Sindh Infrastructure Development Company Limited (SIDCL)

**OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT,
KARACHI.**

Station / OCC Management

Contract: Facility Management Agreement

Contractor: One2K (Private) Limited

Contract Date: 16th September 2021

Commencement Date: 10th September 2022

Year wise breakup of service fee:

Year	Service fee (per Month)	CPI Impact @	Adjusted Service fee (per month)	Service fee (per year)	Utilities (Diesel + Electricity)	Equipments replacement Cost	Station Equipments Cost	Total
	Rs.	%	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	6,006,000	0	6,006,000	72,072,000	22,200,000	2,230,671	96,502,671	
2	6,006,000	15%	6,906,900	82,882,800	25,530,000	3,346,007	111,758,807	
3	6,906,900	15%	7,942,935	95,315,220	29,359,500	5,576,678	130,251,398	
Total	250,270,020		77,089,500	11,153,355	338,512,875			



OPERATIONALIZATION OF ORANGE LINE BRITS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI.

EQUIPMENT DETAIL

Sr	Items	Picture	Qty	Rate Per Unit	4% Withholding Tax	Price	Total	Year Wise Expectancy				Specification	Brand	
								2021-22	2022-23	2023-24	Total			
1	Waiting Area Light		300	7,500	300	7,800	2,340,000	20%	30%	50%	468,000	702,000	1,170,000	2,340,000 LED Panel Model: 9292B PANEL 016A Britlight
2	Waiting Area Fan		100	7,500	300	7,800	780,000	20%	30%	50%	156,000	234,000	390,000	780,000 GFC Industrial GFC
3	Waiting Area Switch board		80	561	22	583	46,675	20%	30%	50%	9,335	14,003	23,338	46,675
4	Green pilor Light		350	7,650	306	7,956	2,784,600	20%	30%	50%	556,920	835,380	1,392,300	2,784,600 LED Wall Light Wall-03 (Double Side) Britlight
5	Steel Stand Light		100	7,500	300	7,800	780,000	20%	30%	50%	156,000	234,000	390,000	780,000 LED Wall Light Model No: Wall-04-LED-8 Britlight
6	Bus Terminal Light		80	14,000	560	14,560	1,164,800	20%	30%	50%	232,960	349,440	582,400	1,164,800 BEGA Plus Flood Light Model No: BEGA+100W Britlight
7	Emergency Light		80	6,400	256	6,556	532,480	20%	30%	50%	106,496	159,744	266,240	532,480 BAR Emergency SMD Light Model: BA320/16L/NM Britlight
8	Green Condor Light		150	2,150	86	2,236	335,400	20%	30%	50%	67,080	100,620	167,700	335,400 Jenny Slim Downlight-Surface Model: 9298BR6633B-18W Britlight
9	Crossing Bridge Road Light		80	14,000	560	14,560	1,164,800	20%	30%	50%	232,960	349,440	582,400	1,164,800 BEGA Plus Flood Light Model No: BEGA+100W Britlight
10	Stair Light		450	2,150	86	2,236	1,006,200	20%	30%	50%	201,240	301,860	503,100	1,006,200 Jenny Slim Downlight-Surface Model: 9298BR6633B-18W Britlight
11	Exit Emergency Light		20	10,500	420	10,920	218,400	20%	30%	50%	43,680	65,520	109,200	218,400 BAR Emergency Light Model: BA005/51LM Britlight
								11,153,355				2,230,671	3,346,007	
												5,576,678	11,153,355	

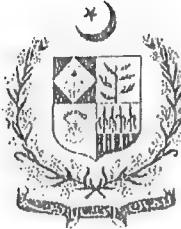


BIDDING FORM F2 - DETAILS OF FINANCIAL PROPOSAL

Components	Indexation	Green Line	Orange Line
Salaries and Management Fees	Annual as per CPI	PKR/Month	PKR/Month
		29,007,000/-	4,641,120/-
Insurance	As per Actual	1,208,625/-	193,380/-
Supplies And Maintenance Items	Annual as per	10,071,875/-	1,171,500/-
	washing /soap/detergents		
Monthly Service Fee		40,287,500/-	6,006,000/-

Service Fee = 25 x monthly Service Fee Green Line + 4 x monthly Service Fee Orange Line





SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVE
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/GM(OPS)/OPS/2021/9406
Dated: 28th June, 2021

M/s Security 2000 and One Source Maintenance (Pvt.) Ltd Consortium.
Mr. Faisal Ali Malik
Karachi.

Project: HIRING OF BUS OPERATOR FOR FACILITY MANAGEMENT SERVICES
FOR THE BUS RAPID TRANSIT SYSTEM OF THE ORANGE AND GREEN
LINES – PPRA TENDER NO. TS444060E.

Subject: NOTIFICATION OF AWARD (UNDER ITB 30 OF RFP)

This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal dated April 26, 2021 for execution of the Green Line - Facility Management Agreement and the Orange Line - Facility Management Agreement each in the form attached to the Bidding Documents (the "Agreements") for the Service Fee of PKR 40,287,500/- (Pakistani Rupees Forty Million Two Hundred Eighty Seven Thousand Five Hundred only) per month for the Green Line Project and PKR 6,006,000/- (Pakistani Rupees Six Million Six Thousand only) per month for the Orange Line Project, as corrected and modified in accordance with the Bidding Documents is hereby accepted by the Employer.

2. You are requested to countersign and furnish your acceptance of this Notification of Award within seven (07) days of issuance of this Notification of Award which shall constitute your acceptance of this Notification of Award (the "Letter of Acceptance") and thereafter sign the Agreements (in the form attached to the Bidding Documents) within thirty (30) days of issuance of this Notification of Award.

One (01) day prior to the date of signing of the Agreements you are required to furnish the Performance Securities.

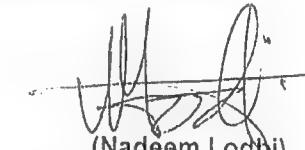
3. On the date of signing of the Agreements you are required to provide the Required Documents (each to the satisfaction of the Employer). Failure to furnish the Letter of Acceptance, execute the Agreements or furnish the Performance Securities or any of the Required Documents each within the aforesaid time period may result in cancellation of the award and forfeiture of the Bid Security.

Date: 1st of July

4. This Notification of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and yourself. This Notification of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between yourself and the Employer, a binding contract between us until the aforesaid Agreements are executed.

5. We would appreciate immediate notification and in any case within seven (07) days of award, of your acceptance of this Notification of Award i.e., the Letter of Acceptance, by returning one copy of this Notification of Award after affixing your signature in the space provided below.

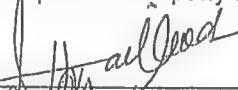
Unless expressly specified otherwise, all capitalized terms used herein shall bear the meaning ascribed thereto in the Bidding Documents


(Nadeem Lodhi)
Chief Executive Officer
For Sindh Infrastructure Development Company Limited

WITNESSES:

1. Signature: 
Name: Khawar Hussain Mirani
S/O: Oadis BUx.
Address: SIDCL

Passport / CNIC: AS02 - 0299654 - 7

2. Signature: 
Name: Shahid Asrar Ahmed
S/O: _____
Address: SIDCL

Passport/CNIC: 37405 - 66656 - 1

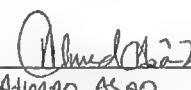
ACCEPTED

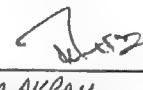
For and on behalf of the successful Bidder
[Authorized Signature]

[Name and Title of Signatory] FAISAL ALI NAJIB
[Name of successful Bidder] SECURITY 2000 (Pvt) LTD, AND ONE SOURCE Maintenance (Pvt) Ltd (JV)
[Date] 29-06-2021



WITNESSES:

1. Signature: 
Name: AHMAD ASAD
S/O: M. IQBAL
Address: HOUSE 211- CEN BLW COLLEGE ROAD, LAHORE
Passport / CNIC: 35202 35917117

2. Signature: 
Name: WASEEM AKRAM
S/O: M. Faris KHAN
Address: 147-A GULBERG IV LAHORE
Passport/CNIC: 13101-0376896-5

SIDCL
IN # 12249
DATE 30/6/21

Government of Pakistan
 Ministry of Planning, Development & Special Initiatives
 Sindh Infrastructure Development Company Limited (SIDCL)

**OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT,
 KARACHI.**

CLEARING HOUSE

Contract: Fund Management Agreement

Contractor: United Bank Limited

Contract Date: 15th December 2021

<u>Particulars</u>	<u>As per Actual Contract</u>	<u>Expected Expenditure for 3 Years' Operations</u>		
		<u>Year - 1</u>	<u>Year - 2</u>	<u>Year - 3</u>
		<u>Rs.</u>	<u>Rs.</u>	<u>Rs.</u>
GoS Notified Fare Rates (Avg.)		20	20	20
Expected Ridership		949,000	1,022,000	1,095,000
Expected Average Revenue	30,000,000	18,980,000	20,440,000	21,900,000
				61,320,000

Service fee:

IPG charge @ 2.35% of revenue	705,000	446,030	480,340	514,650	1,441,020
One-time IPG implementation	-	50,000	-	-	50,000
POS Charge @ 2.35% of revenue	705,000	284,700	306,600	328,500	919,800
Vans for cash collection for 4 Stations	192,000	14,400,000	14,832,000	15,276,960	44,508,960
Payments charges	-	50,000	-	-	50,000
IBFT fee per transaction	-	-	-	-	-
RTGS fee per transaction	-	-	-	-	-
Service fee excluding taxes & duties	1,602,000	15,230,730	15,618,940	16,120,110	46,969,780
SST @ 13%	208,260	1,979,995	2,030,462	2,095,614	6,106,071
Service fee including taxes & duties	1,810,260	17,210,725	17,649,402	18,215,724	53,075,851

(K2)



SCHEDULE B: PAYMENT SCHEDULE

Column 1	Bid components	Instructions	Reference	Component price
				PKR
1.0	Ridership revenue (indicative and for determination of bid criteria only)		PKR 30,000,000	
2.0	Collections		Bids	
2.1	Internet Payment Gateway (IPG)			
2.1.1	IPG charges (%)	2.35%	(a)	705,000
2.1.2	Onetime IPG Implementation costs (PKR)	Nil	(b)	Nil
2.1.3	IPG periodic costs (PKR/month)	Nil	(c)	Nil
2.2	Point of sale (POS)			
2.2.1	POS charges (%)	2.35%	(d)	705,000
2.2.2	TOM: Onetime POS Implementation costs (PKR)	Nil	(e)	Nil
2.2.3	TOM: POS periodic costs (PKR/month)	Nil	(f)	Nil
2.2.4	TVM: Onetime POS Implementation costs (PKR)	Nil	(g)	Nil
2.2.5	TVM: POS periodic costs (PKR/month)	Nil	(h)	Nil
2.2.6	HHM: Onetime POS Implementation costs (PKR)	Nil	(i)	Nil
2.2.7	HHM: POS periodic costs (PKR/month)	Nil	(j)	Nil
2.3	Cash collection			
2.3.1	Throughput charges for cash from stations (%)	0.0%	(k)	0
2.3.2	Vans for cash collection (PKR per month)*	Enter pickup cost here >>>	(l)	192,000
3.0	Payments			
3.1	One-time implementation cost (PKR)	0	(m)	0
3.2	Fixed charges (PKR per month)	0	(n)	0
3.3	IBFT fees (PKR per transaction)	Nil*	(o)	Nil



49

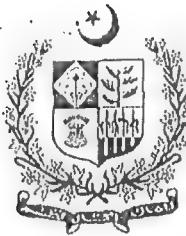


3.4	RTGS fees (PKR per transaction)	Nil**	(p)	Nil
3.5	Local transfer (PKR per transaction)	0	(q)	0
4.0	Service Fee		(r)	1,602,000
5.0	SST		(s)	208,260
6.0	Total Service Fee (inclusive of taxes)			1,810,260

* Vans price to be indexed at 3% per annum.

**Included in the GL Fund Management Agreement.





SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVE
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/GM(OPS)/OPS/2021/9911
Dated: 1st Nov, 2021

UNITED BANK LIMITED
KARACHI.

This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal dated September 6, 2021 for execution of the '*Green Line Fund Management Agreement and Orange Line Fund Management Agreement*' each in the form attached to the Bidding Documents (the "Agreements") for the Service Fee of PKR 9,436,155/- (Pakistani Rupees Nine Million Four Hundred Thirty Six Thousand One Hundred Fifty Five only) for Green Line and PKR 1,810,260/- (Pakistani Rupees One Million Eight Hundred Ten Thousand Two Hundred Sixty only) for Orange Line, as corrected and modified in accordance with the Bidding Documents is hereby accepted by the Employer.

You are requested to countersign and furnish your acceptance of this Notification of Award within seven (07) days of issuance of this Notification of Award which shall constitute your acceptance of this Notification of Award (the "Letter of Acceptance") and thereafter sign the Agreements (in the form attached to the Bidding Documents) within thirty (30) days of issuance of this Notification of Award.

On the date of signing of the Agreements you are required to provide certified true copies of all resolutions of the governing body of the Fund Manager authorizing execution, delivery of the Agreements and the performance of the Fund Management Services under the Agreements (each to the satisfaction of the Employer). Failure to furnish the Letter of Acceptance, execute the Agreements or the aforesaid authorization from governing body of the Fund Manager each within the aforesaid time period may result in cancellation of the award.

This Notification of Award shall incorporate all agreements made to the Bid (if any) agreed between the Employer and yourself. This Notification of Award duly accepted by you shall constitute, subject to all terms and conditions of the Bidding Documents except the changes or modifications agreed between yourself and the Employer, a binding contract between us until the aforesaid Agreements are executed.

We would appreciate immediate notification and in any case within seven (07) days of award, of your acceptance of this Notification of Award i.e., the Letter of Acceptance, by returning one copy of this Notification of Award after affixing your signature in the space provided below.

Unless expressly specified otherwise, all capitalized terms used herein shall bear the meaning ascribed thereto in the Bidding Documents

(Nadeem Lodhi)
Chief Executive Officer
For Sindh Infrastructure Development Company Limited

OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI.

Consultancy Charges
(Design, Transaction, Legal and Operations Advisory)

Consultancy Cost (Revised) comprises of:

Sr. No.	Contracts	Consultants	Allocated Cost Rs.
1	Exponent, EY & Haidermota	- Exponent Engineer (Pvt.) Ltd. (Technical Advisor). - Haidermota & Co. (Legal Advisor), and - EY Ford Rohdes (Financial Advisor).	69,825,120
2	BLIC, EA & DCC		270,204,107
3	The Engineer Cost		15,081,208
			<u>343,787,935</u>

Sr. No.	Contracts	Consultants	Contract Date	Contract Value
1	Consultancy Services for Green and Orange Line BRTS Project	- Exponent Engineer (Pvt.) Ltd. (Technical Advisor). - Haidermota & Co. (Legal Advisor), and - EY Ford Rohdes (Financial Advisor).	1st April 2021	69,825,120
2	Engineering Consultancy Services for Integrated Intelligent Transport System for Karachi Mass Transit Plan	Joint Venture of: - BLIC GMBH, GERMANY, - EA Consulting (Pvt.) Ltd. and - Data Communication and Control (Pvt.) Ltd.	March 2018	322,498,961
3	The Engineer			18,000,000
				<u>410,324,081</u>

Appropriation of Consultancy Contract Cost						
Sr. No.	Particulars	PCI Approved Cost Used for apportionment of Consultancy Contracts (Rs. in Million)	Exponent, EY & Haidermota Rs.	BLIC, EA & DCC Rs.	The Engineer Rs.	Total Rs.
1	Contract Value for Green and Orange Line BRTS		69,825,120	322,498,961	18,000,000	410,324,081
1	Green Line BRTS	10,956	58,502,620	270,204,107	15,081,208	343,787,935
2	Orange Line BRTS	2,120	11,322,500	52,294,854	2,918,792	66,536,146
		<u>13,077</u>	<u>69,825,120</u>	<u>322,498,961</u>	<u>18,000,000</u>	<u>410,324,081</u>



(L)

SCHEDULE D – MILESTONES

TRANSACTION ADVISORY SERVICES FEE

In accordance with the Clause 6 of this Agreement, the Consortium Fee for the performance of the Services is PKR 69,825,120/- (Pakistani Rupees Sixty-Nine Million Eight Hundred Twenty Five Thousand One Hundred Twenty only) inclusive of SST (currently at [13%] for EE and [8%] for EY, Ford Rhodes & HMCo, respectively), payable in the manner as described hereunder:

For Phase I:

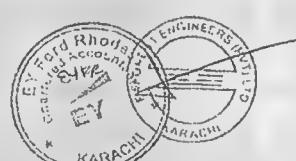
S. No.	Output	Submission	Fee (% of Quoted Fee)	Submission Timelines (Days)	EE	EY	HMCO	Amount (PKR)
1	Inception Report	Draft	10	30	1,952,285	1,464,214	1,464,214	4,880,712
		Final	5		976,142	732,107	732,107	2,440,356
2	Task 1: Output 1.1, 2 & 3.1	Draft	15	60	2,196,320	2,562,374	2,562,374	7,321,068
		Final	10		1,464,214	1,708,249	1,708,249	4,880,712
3	Task 2: Output 4 Complete	Draft	15	90	5,124,748	1,098,160	1,098,160	7,321,068
		Final	10		3,416,498	732,107	732,107	4,880,712
4	Task 3: All Remaining Outputs except Output 5	Draft	15	150	3,650,534	1,830,267	1,830,267	7,321,068
		Final	20		2,819,009	4,109,892	2,832,522	9,761,424
Total			100		21,609,751	14,237,370	12,960,000	48,807,120

For Phase II:

S. No.	Output	Monthly Payment Disbursement	EE	Amount (PKR)
1	Task 4: Output 5	Month 1	1,751,500	1,751,500
		Month 2	1,751,500	1,751,500
		Month 3	1,751,500	1,751,500
		Month 4	1,751,500	1,751,500
		Month 5	1,751,500	1,751,500
		Month 6	1,751,500	1,751,500
		Month 7	1,751,500	1,751,500
		Month 8	1,751,500	1,751,500
		Month 9	1,751,500	1,751,500
		Month 10	1,751,500	1,751,500
		Month 11	1,751,500	1,751,500
		Month 12	1,751,500	1,751,500
Total			21,018,000	21,018,000

Notes:

- 1. The Consortium Members shall submit invoices aggregating to the Fee amount in the Milestones indicated above, clearly listing out the invoice amounts in Pakistani Rupees relating to each Consortium Member. Payment for Services provided by each Consortium Member shall be paid by SIDCL directly in the name of the respective Consortium Members as indicated in Clause 12.5 of this Agreement.
- 2. The Reimbursable Expenses indicated above will be invoiced as and when incurred during the engagement, these Reimbursable Expenses are not related to any Milestones. Reimbursable expenses will be incurred subject to prior approval of SIDCL.
- 3. Balance of reimbursable expenses (if any) would be paid on project launch.



RAIDERMOUL & CO.



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT & SPECIAL INITIATIVES
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL/COO/OPS/2021/8742
Dated: 10th March, 2021

M/s Exponent Engineers, EY Ford Rhodes and Haidermota & Co.;
Through Authorized Rep.
Mr. M. Aamir Sharif

Project: CONSULTANCY SERVICES FOR GREEN AND ORANGE LINE BRITS PROJECT.
(HIRING OF TECHNICAL, FINANCIAL AND LEGAL CONSULTANTS FOR
PROVISION OF CONSULTANCY SERVICES FOR OPERATIONALISATION OF
GREEN & ORANGE LINES BUS RAPID TRANSIT SYSTEMS), TENDER NO.
TS436005E

Subject: NOTIFICATION OF AWARD (ITB 8 of the RFP)

This is to notify you that your Bid consisting of the Technical Proposal and the Financial Proposal submitted 24th December 2020 for execution of the Consultancy Services for "Hiring of Technical, Financial and Legal Consultants for provision of Consultancy Services for Operationalisation of Green and Orange Line Bus Rapid Transit System" ("the Project") each in the form attached to the Bidding Documents (the "Consultancy Contract") for the price in the aggregate of PKR 69,825,120 (*Pakistani Rupees Sixty-Nine Million Eight Hundred Twenty-Five Thousand One Hundred Twenty Only*) inclusive of all taxes, as corrected and modified in accordance with the Bidding Documents and Final Evaluation is hereby accepted by the Employer.

S. No.	Description	PKR
1	Evaluated cost	69,825,120

2. You are requested to countersign and furnish your acceptance of this Notification of Award within seven (07) days of issuance of this Notification of Award which shall constitute your acceptance of this Notification of Award (the "Letter of Acceptance") and thereafter sign the Consultancy Contract (in the forms attached to the Bidding Documents) within thirty (30) days of issuance of this Notification of Award. One (01) day prior to the date of signing of the Consultancy Contract you are required to furnish the Performance Security. Failure to furnish



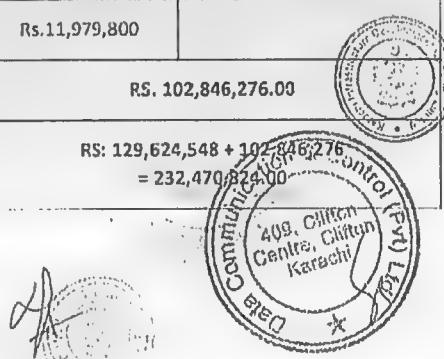
APPENDIX - E
Breakdown of Contract Prices in Local Currency

STAGE I & II		FINAL CONSULTANCY CONTRACT PRICE	
SR: NO	DESCRIPTION	AMOUNT (Pak. Rs.)	AMOUNT (USD)
1	SALARY COST	12,300,000	524,553
2	DIRECT COST	34,480,000	109,340
			633,893 minus
	TOTAL	46,780,000 minus 1,080,000 = 45,700,000.00	20,938=
			612,955.00
	Conversion of USD components into PKR. AS PER RFP THE FOREIGN CURRENCY RATE WILL BE CONSIDERED AT THE TIME OF SUBMISSION i.e. 30th November 2015. The Rate of USD on this date is 105.40		612,955 X 105.40 =64,605,457
	Income Tax 6%		Rs. 3,876,327.00
	(As per clause 152(1A), Income Tax Ordinance, amended by Finance Act, 2015		
	(attached as Annex-A to these minutes)		
	Sindh Sales Tax (SST) on Services @ 14% (As per Government Regulations)		Rs. 9,044,763.00
	Sindh Sales Tax (SST) on Services @ 14% (As per Government Regulations)	Rs.6,398,000.00	
	Grand Total in PKR of Stage-I & II	Rs. 129,624,548.00	
STAGE III			
1	SALARY COST	62,130,000	41,876
2	DIRECT COST	30,680,000	
	TOTAL	92,810,000 minus 7,240,000 = 85,570,000.00	41,876
	Conversion of USD components into PKR. AS PER RFP THE FOREIGN CURRENCY RATE WILL BE CONSIDERED AT THE TIME OF SUBMISSION i.e 30th November 2015. The Rate of USD on this date is 105.40		41,876 X 105.40 =4,413,730
	Income Tax 6%		Rs. 264,824.00
	Sindh Sales Tax (SST) on Services @ 14% (As per Government Regulations)		Rs. 617,922.00
	Sindh Sales Tax (SST) on Services @ 14% (As per Government Regulations)	Rs.11,979,800	
	Grand Total in PKR of Stage-III	Rs. 102,846,276.00	
	Grand Total of Project	RS: 129,624,548 + 102,846,276 = 232,470,824.00	



BLIC GmbH
Fritz-Vomfelde-Straße 6
40547 Düsseldorf

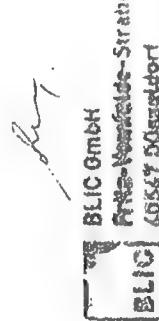
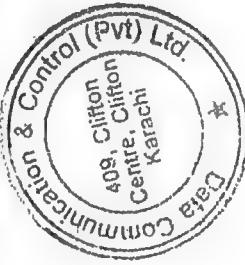
(47)



APPENDIX - I
NET Payment Schedule

Tasks	Payment Milestones	As Given in the Original Contract Agreement			As proposed in Amendment No.1		
		Description	Share	Value (PKR)	Description	Share	Value (PKR)
Task 7	1	Inception Report	7.50%	6,748,800	Inception Report	10.00%	8,998,400
		Draft Concession Agreement / Draft Contract Agreement	12.50%	11,248,000	Draft Contract Agreement for Package A Green Line	15.00%	13,497,600
	2				Draft Contract Agreement for Package B Green Line		
					Draft Contract Agreement for Package A Orange Line		
					Draft Contract Agreement for Package B Orange Line		
					Final Contract Agreement for Package A Green Line		
Task 8	3	Draft Financial Model / Draft Service Level Agreement	12.50%	11,248,000	Final Contract Agreement for Package B Green Line		
	4	Financial Model / Final Service Level Agreement	12.50%	11,248,000	Final Contract Agreement for Package A Orange Line		
	5	Concession Agreement / Final Contract Agreement	5.00%	4,499,200	Final Contract Agreement for Package B Orange Line		
	1	Monthly Invoice #1			Review of SDS for Package A	15.00%	13,497,600
	2	Monthly Invoice #2			Review of SDS for Package B		
	3	Monthly Invoice #3			Final Report for Factory Acceptance Tests for Package A	10.00%	8,998,400
	4	Monthly Invoice #4			Final Report for Factory Acceptance Tests for Package B		
	5	Monthly Invoice #5					
	6	Monthly Invoice #6					
		Total Amount (Pre-tax Value)					89,984,000

Payments will be issued to individual JV members as invoiced by the leading JV member to SIDCL.



Government of Pakistan
 Ministry of Planning, Development & Special Initiatives
 Sindh Infrastructure Development Company Limited (SIDCL)

**OPERATIONALIZATION OF ORANGE LINE BRTS AND INSTALLATION OF INTEGRATED
 INTELLIGENT TRANSPORT SYSTEM EQUIPMENT, KARACHI.**

Estimate of Insurance Charges for Orange Line Buses & IITS Equipments

Particulars	Amount in PKR
Marine Insurance for Buses	2,614,181
Motor Insurance for Buses	8,521,683
Fire Insurance for IITS Equipment (approx)	5,500,000
Cost per year	<u><u>16,635,864</u></u>
 Cost for 3 Years	 <u><u>54,898,351</u></u>
	(J)





National Insurance Company Limited
(OWNED BY THE GOVERNMENT OF PAKISTAN)

Debit Note

In consideration of the payment to us by or on behalf of the Assured of premium specified in the schedule, we hereby agree to insure against loss damage liability or expense in the manner hereinafter provided.

Debit Note No	:	2022/KB/B/MI/P/D/Q0679	Office	:	Karachi Branch
Business Class	:	MARINE CARGO (PC)	Branch Address	:	2nd Floor, NIC Building Abbasi Shaheed Road.
Insurance Type	:	Direct	Issue Date	:	09/05/2022
Tariff Heading	:	9813.1400			
Insured	:	M/S Sindh Infrastructure Development Company Ltd			
Insured STN	:	1230213256321	Insured NTN	:	

We give below the premium calculation as desired by you for your kind perusal and necessary action.

Interest 20 UNITS, ZHONGTONG LCKS120GHEV BRT BUS ORANGE LINE

Kindly refer to your letter fax/ email/ dated regarding advice for Marine insurance. We are to please to submit the premium advice as per the detail provided by you, for your perusal.

Doc. Ref. / Introduced By	:	BY MAIL DATED : 09/05/2022	Form 'E' No.	:	
P.O. No.	:		Invoice No.	:	ZTP20220324
L/C No.	:	LC/1027/00002/21	Vessel/Carrier	:	MV LEO I/VG07
BOL/AWB #	:	VGSKR086	Sailing on/or about	:	20/05/2022
Voyage From	:	CHINA	Mode of Transport	:	BY SEA
Voyage To	:	KARACHI SEA PORT PAKISTAN	Built Year	:	

	Face Value	Basis of Valuation	FC Amount	Curr.	Rate	Amount in Rs
C&F			3488100.00	\$	187.1	652623510.00
Other Charges	3488100	10.00%	348810.00	\$	187.1	65262351.00
Total			3,836,910.00			717,885,861.00

PREMIUM CALCULATION :

Gross Premium	Sum Insured			717,885,861.00
	Marine @ 100% of 0.25000%	Rs.	1,794,715.00	
	War & SRCC @ 100% of 0.04750%	Rs.	340,996.00	
	Gross Premium	Rs.	2,135,711.00	
Discounts	:			
	Net Premium	Rs.	2,135,711.00	
	Sales Tax on Services (SRB) 13 %	Rs.	277,642.00	
	Federal Insurance Fee (SRB) 1 %	Rs.	21,357.00	
	Stamp Duty .025	Rs.	179,471.00	
	Total Premium	Rs.	2,614,181.00	

Amount in Words : Two Million Six Hundred Fourteen Thousand One Hundred Eighty One Only

Description					
DESCRIPTION	QUANTITY	UNIT	PRICE -DAB	TOTAL	
SUPPLY OF 12M BRTS VEHICLES ORANGE LINE	20 BUSES	\$	155,530/=	\$ 3,110,600/=	
FULL SPARE PARTS PACKAGE FOR BRT VEHICLES	LUMP SUM	\$	365,300/=	\$ 365,300/=	
SUPPLY OF TOOL & DIAGNOSTIC EQUIPMENT FOR BRTS VEHICLE	1 SET	\$	12,200	\$ 12,200/=	
"SUBJECT TO NO LOSS TILL THE DATE OF RECEIPT OF PREMIUM"		G.TOTAL		\$ 3,488,100/=	

Subject to the following clauses, endorsements, special conditions & warranties:

"Any loss/damage incurred to the consignment due to the negligence of staff concerned of the port, of the insured including staff of the transporter while loading / unloading, without observing all precautionary measures and protocols, same will not be entertained in terms of Claims."

1- Important Notice, 2- Institute Cargo Clauses A, 3- Institute War Clauses (Cargo), 4- Institute Strikes Clauses (Cargo)

Note: Unless paid and declared in the return of the service provider this debit note should not be considered as Sales Tax / FED Invoice for the purpose of sales Tax under any federal provinical laws. Only such debit note shall be treated contained as Sale Tax invoice which has been paid by the insured and declared in the return of the service provider

Create User: KHI.OVAIS



National Insurance Company Limited
(OWNED BY THE GOVERNMENT OF PAKISTAN)

SCHEDULE
MOTOR POLICY

Policy No	: 2022/KB/B/AC/C/D/P0019	Office	: Karachi Branch
Business Class	: COMMERCIAL VEHICLE (COMPREHENSIVE)	Branch Address	: 2nd Floor, NIC Building Abbasi Shaheed Road
Insurance Type	: Direct	Issue Date	: 29/09/2022
Tariff Heading	: 9813.1600		
Debit Note No.	: 2022 KB/B AC/C D/Q0029		
Insured	: M/S Sindh Infrastructure Development Company Ltd		
Insured NTN	: 1230213256321	Insured NTN	: 9010043
Period of Insurance	: From : 15/09/2022 To : 14/09/2023		(Both dates inclusive)
Geographical Area	: Pakistan / Azad Kashmir		
The Motor Cycle	: As described hereunder.		
Registration No.	:	Cubic Capacity	:
Engine No.	:	Year Of Manufacture	:
Chassis No.	:	Type of Body	:
Make	:		
Accessories	:		

PREMIUM CALCULATION :

		Sum Insured		Rs. 598,012,860.00
Insured's Estimated Value	:	The Motor car	Rs.	598,012,860.00
		Accessories	Rs.	0.00
		Total	Rs.	<u>598,012,860.00</u>
Gross Premium	:	Insured Estimated value	Rs.	7,475,160.00
		Gross Premium	Rs.	<u>7,475,160.00</u>
Discounts	:			
		Net Premium	Rs.	7,475,160.00
		Sales Tax on Services (SRIB)	13 %	Rs. 971,771.00
		Federal Insurance Fee (SRIB)	1 %	Rs. 74,752.00
		Total Premium	Rs.	<u>8,521,683.00</u>

Amount in Words : Eight Million Five Hundred Twenty One Thousand Six Hundred Eighty Three Only

Description				
Limits of Liability:				
Limit of the amount of the company's liability under Section II - I(a) in respect of any one accident			Rs.	
Limit of the amount of the company's liability under Section II - I(b) in respect of any one claim or series of claims arising out of one event			Rs.	
Subject to the following clauses, endorsements, special conditions & warranties:				
Market Value Clause, Special Exclusions-Commercial Vehicles, Policies issued in the names of Joint Owners, Companies or Firms, Hire Purchase Vehicles Subject to Hypothecation Agreement, Voluntary Excess Own Damage, Terrorism Endorsement, Depreciation Clause				

Limitations as to Use:

Authorised Driver:

Any of the following: (a)

- (b)
Provided that the person driving holds a license to drive the Motor Car or has held and is not disqualified for holding or obtaining such a license.

For and on behalf of *beary waq*
National Insurance Company Limited.

STRN : S0711319-6
NTN No. : 0711319-6

Figure 4 illustrates two approaches.



Sindh
Mass Transit
Authority

TRANSPORT & MASS TRANSIT DEPARTMENT
GOVERNMENT OF SINDH

No. SMTA/BRT-OL/2022/L-1225

Karachi, Dated: 03rd October, 2022

SAY NO TO CORRUPTION

GM Operations,
Sindh Infrastructure Development Company Limited (SIDCL),
Ministry of Planning, Development & Special Initiatives,
Karachi.

SUBJECT: Firmed Up Cost Estimates as per Facilitation & Implementation Agreement for Orange BRT (Abdul Sattar Edhi BRT) [the Project]

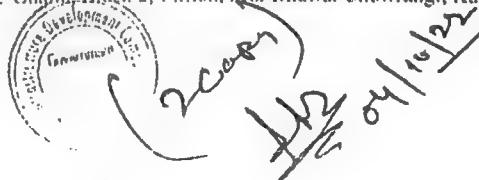
I am directed to refer to the subject matter above in light of the Facilitation & Implementation agreement dated 27th November 2020. In this regard, the cost estimates provided by the SIDCL vide Letter SIDCL/GLBRTS/COO/2020/8010 dated 3rd November 2020 were incorporated in the Revised PC-I which was approved in March 2021 with following cost details

- Total cost of Revised PC-I = PKR 4290.772M
- Total amount incorporated for SIDCL = PKR 2120.436M
- Total FEC component = USD 5.866M

Based on the above, a total amount of PKR 994.096M has been provided to the SIDCL. Currently payment of PKR 583.983M is being processed out of PKR 1769.682M (based on the Letter SIDCL/BRTS/2022/10438 dated 24th February 2022). This amount of was agreed to be provided to the SIDCL based on a meeting held under the chairmanship of Chairman P&D department, GoS on 7th June 2022. This decision (of total PKR 583.983M - reconciled) was based on the approved heads in the Revised PC-I. However, there was a certain component of cost estimates in the above-mentioned letter, dated 24th February 2022, which was above the approved heads of PC-I. Accordingly, one of the recommendations from the meeting dated 7th June 2022 is reproduced below for ready reference and necessary action

"The Re-Revision of the PC-I (currently approved cost of PKR 4.290 billion) to be carried out considering the completion of Orange BRT, additional works undertaken based on the SIDCL observations and subsequent operation of the BRT"

House # D-43 & D-43/I, Shahra-e-Ghaliq, Block 2, Clifton, near Bilawal Chowrangi, Karachi, 75600 Tel: 021-99332207-8



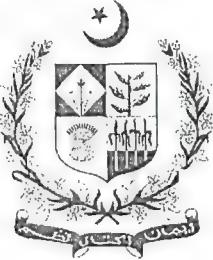
In this regard and considering the fact that the SIDCL has been mandated to run the operations of the Project for three years, you are advised to provide the firmed up estimates, in line with the F&I agreement, with relevant rationale for incorporation in the Re-Revised PC-1.

Considering the urgency of the matter, this matter may please be dealt on high priority basis.

NVN
ESTD 3/1/2012
Director Infrastructure / Planning –
Project Director Orange BRT (Addl. Charge),
SMTA

A copy is forwarded for information to:-

1. Managing Director, SMTA, GoS Karachi.
 2. Chief Executive Officer, SIDCL, Karachi
 3. PS to Chairman P&D Department, GoS, Karachi.
 4. PS to Secretary, Transport & Mass Transit Department, GoS, Karachi.
 5. Master File.
- lelf*
Yildiz



SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
CABINET DIVISION
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk

No. SIDCL(GLBRTS)/COO/2020/8010
Dated: 3rd November, 2020

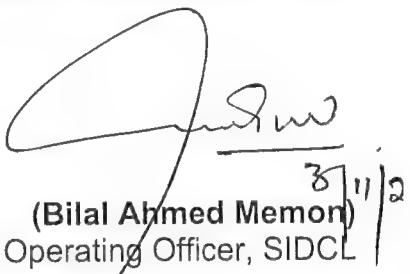
The Secretary to the Government of Sindh
Transport and Mass Transit Department,
Karachi.

Subject: **FLEET PROCUREMENT FOR BRTS ORANGE LINE PROJECT**

This is with reference to the ongoing above stated project and SIDCL letter no. SIDCL(GLBRTS)/GM/2020/7155 dated 08th June, 2020 wherein tentative cost estimates for operations of Orange line was shared with Transport and Mass Transit Department (T&MTD), Government of Sindh.

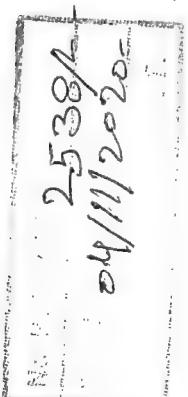
2. SIDCL opened financial bids for fleet procurement project on 16th October, 2020 and received a bid price of 3,110,600 US\$ (155,530 US\$ / Bus) for Orange line 20 buses (Annex- A) where SIDCL shared tentative cost of 138,000 US\$ / bus excluding taxes to T&MTD, which is 12.7 % higher than the provisional estimates.

3. In view of the above, it would be highly appreciated if the updated figures of Rs. 2,042.46 Million against Rs.1,999.38 Million (difference of Rs 43,115 Million) (Annex-B) along with phasing and Foreign Exchange Component (FEC) of US \$ 5,488.58 Million, may be incorporated in the revised PC-I accordingly, please.


(Bilal Ahmed Memen)
Chief Operating Officer, SIDCL

Distribution to:

- Chairman, Planning and Development Board, Govt of Sindh;
- PS to the Chief Executive Officer, SIDCL.



AS/cc

Price of Schedule for Goods pertaining to 12-meter BRTS vehicles

Item	Description	Country of origin	Quantity and Unit of Measurement (No.)		Unit Price DAP (Delivered at Place) - (including transportation to Project site, Karachi, Pakistan)	Total DAP Price per item
			3	4		
i	Supply of 12-meter BRTS vehicles	China	20 buses		\$155,530.00	\$3,110,600.00
ii	Full spare parts package for BRTS vehicles from the delivery of the vehicle through the duration of contract	China	Lump sum		\$365,300.00	\$365,300.00
iii	Supply of tools and diagnostic equipment for BRTS vehicle	China	1 set		\$12,200.00	\$12,200.00
Total (B1)						\$3,488,100.00

Price of Schedule for related services pertaining to 12 meter BRTS vehicles

Item	Description	Country of origin	Quantity and Unit of Measurement		Unit Price	Total Price
			3	4		
i	Maintenance supervision of vehicles	Pakistan	36 months		\$7,072.22	\$254,600.00
ii	Maintenance training program	Pakistan	Lump sum		\$2,800.00	\$2,800.00
iii	Driver training program	Pakistan	Lump sum		\$2,300.00	\$2,300.00
iv	Completion of full vehicle homologation, registration, and licensing for BRTS vehicles	Pakistan	Lump sum		\$103,200.00	\$103,200.00
Total (B2)						\$362,900.00

Note: The Supplier shall list all such components in Bidding Form F2 (submitted as part of its Bid) that shall be procured or arranged locally in Pakistan but form part of the overall Goods, such as lubricants and/or engine oil.

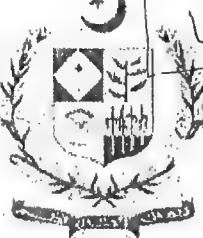
The Supply Price for Goods corresponding to such locally sourced components shall be paid to the Supplier's Local Agent in PKR (USD amount converted into equivalent PKR based on the Conversion Rate) and not be paid through the Letter of Credit.

Annex-B

S. No.	Component	Amount in FEC – US\$	36 % Taxes for buses 30% for ITS PKR
CAPEX COST			
1	12 m Diesel Hybrid Buses (20 Nos.)	3,110,600	179,170,560
2	IITS (Hardware + Software + Taxes @ 30%)	2,377,977	60,636,306
	Total	5,488,577	239,806,866
	Total (A) in PKR		1,117,979,260
OPEX COST			
		PKR	Amount in PKR (3 Years)
3	Bus Ops O & M	187,234,740	561,704,220
	- Total Revenue (Fare ⁵ + Non-Fare ⁶)	172,915,628	518,746,884
	- Operations' Deficit	14,319,112	42,957,336
4	ITS Operations	11,230,000	33,700,000
5	ITS Maintenance (2 yrs warranty + 1 year S&M)		44,000,000
6	Station Management ⁴	43,200,000	129,600,000
7	Operation Unit	20,000,000	60,000,000
	Total Subsidy Req. (B)	88,749,112	310,257,336 ^B
	Total (A+B ^B)		1,428,236,596
9	Add 2% Consultancy Charges (Design, Transaction, Legal and Operations Advisory)		28,564,731.91
10	Add 2% Contingencies (Unforeseen/hedging/price variation/ancillary)		28,564,731.91
	Add 2% Insurance of Government Asset (0.67% per year)		28,564,731.91
11	Add 2% Establishment Charges of SIDCL		28,564,731.91
15	Improvement in Infrastructure (Physical Integration & Infra. Main.)		500,000,000
	Grand Total		2,042,495,523

1. Cost of per bus – 155,530 USD (Final price as per procurement)
2. Conversion Rate used – 160 PKR
3. Ridership of Orange line 24,225 passengers / day (Source – Consultants)
4. Fare revenue is calculated at an average Fare of PKR 22 per passenger
5. Non- Fare Revenue is taken at 3% of the Fare Revenue because of fewer stations on corridor
6. Phasing and FEC component to be provided by GoS is as under

In Millions (PKR/US\$)	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	Total
PKR	451,232,758.8	258,380,612.69	227,354,879.09	227,354,879.09	1,164,323,129.65
FEC (US\$)	5,488,577		-	-	5,488,577
TOTAL (PKR Eq.)	1,329,405,152.36	258,380,612.69	227,354,879.09	227,354,879.09	2,042,495,523



this set of letters will go in Revised PC-I

→ Received through WhatsApp from Secretary Sabil

**SINDH INFRASTRUCTURE DEVELOPMENT COMPANY LIMITED
MINISTRY OF PLANNING, DEVELOPMENT AND SPECIAL INITIATIVES
GOVERNMENT OF PAKISTAN
6TH FLOOR, EXTENSION BLOCK, BAHRIA COMPLEX IV, KARACHI
021-35155101; Fax: 021-35155102
info@sidcl.com.pk; www.sidcl.com.pk**

No. SIDCL(GLBRTS)/COO/2020/8395

Dated: 11th January, 2021

**The Secretary to the Government of Sindh
Transport and Mass Transit Department,
Karachi.**

Subject: FLEET PROCUREMENT FOR BRTS ORANGE LINE PROJECT.

This is with reference to the above stated project and SIDCL letters of even number dated 3rd November, 2020 and 05th January, 2021.

2. SIDCL appreciates that the Transport & Mass Transit Department (T&MTD) is preparing the Revised PC-I for the subject project. While the PC-I's revision is underway, it is to highlight that US\$ 3,110,600 (155,530 US\$ / Bus) provision is being kept in the PC-I excluding taxes, spare parts & diagnostic equipment (remaining part of B1) and B2 (Maintenance supervision of vehicles for 36 months, maintenance training program, Driver training program and Completion of full vehicle homologation, registration and licensing for BRTS vehicles). The above bid components were already shared by SIDCL with TMTD vide aforesaid letter dated on 3rd November, 2020.

3. In view of the above, it would be highly appreciated if Government of Sindh may the missing item of fleet procurement, including provision for taxes, at the time of Revision of PC-I, to avoid future issues.

S. No.	Description	Quantity & Unit	Price
B1 (to be paid in USD)			
1	12-meter BRTS vehicles	20 NOS	US\$ 311,0600
2	Full Spare parts package for BRTS vehicles from the delivery of the vehicle through the duration of contract	Lump Sum	US\$ 365,300
3	Supply of Tools and Diagnostic equipment for BRTS vehicles	1 set	US\$ 12,200
Lowest Evaluated Bid (B1) to be paid through LC			US\$ 3,488,100

B2 (to be paid in PKR)			
1	Maintenance Supervision of Vehicles	36 months	US\$ 254,600
2	Maintenance Training Program	Lump sum	US\$ 2,800
3	Driver Training Program	Lump sum	US\$ 2,300
4	Completion of full vehicle homologation, registration and licensing for BRTS vehicles	Lump sum	US\$ 103,200
Lowest Evaluated Bid (B2)			US\$ 362,900
Taxes to be paid (36%) in PKR			179,170,560

4. It is advised that the above provision should be reflected in the Revised PC-I, please.

J. Sabil
(Bilal Ahmed Memon)
Chief Operating Officer, SIDCL

CC to:

- Chairman, Planning and Development Board, Govt of Sindh;
- Sr. Chief (T&C), Planning and Development Board, Govt. of Sindh; and
- PS to the Chief Executive Officer, SIDCL.



MOST URGEN^T

Annex - 9

No. P&D/C-T/BRT O.L/03/2017-18 (Vol-II)
GOVERNMENT OF SINDH
PLANNING AND DEVELOPMENT DEPARTMENT
(TRANSPORT & MASS TRANSIT SECTION)
Karachi, dated June 14, 2022

The Secretary to Government of Sindh,
Transport & Mass Transit Department,
Karachi.

SUBJECT: ADDITIONAL FUNDS REQUIRED AS (CAPEX & OPEX) TO BE PAID TO SINDH INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED (SIDCL) AND TO SINDH MASS TRANSIT AUTHORITY (SMTA) FOR COMPLETION OF REMAINING WORK OF ORANGE LINE BRT IN CURRENT FINANCIAL YEAR.

I am directed to refer the above subject and to enclose herewith original Minutes of meeting duly countersigned by the Worthy Chairman, P&DB held on 7th June, 2022 under the Chair of Chairman, Planning & Development Board, Karachi along with reconciliation statement for SIDCL for compliance of recommendations under intimation to this department.

(Abdul Wahab Qureshi)
(ABDUL WAHAB QURESHI)
PLANNING OFFICER (TRANSPORT & M.T)
021-99212957

Copy forwarded with complements to:

1. PS to Chairman, P&D Board, Government of Sindh, Karachi.
2. PS to Member (E&I), P&D Board, Government of Sindh, Karachi.
3. Office file.

L
PLANNING OFFICER (TRANSPORT & M.T)

No. P&D/C-T/BRT O.L/03/2017-18
Dated: 15-06-2022
TRANSPORT & M.T.

16/06/2022

MINUTES OF MEETING UNDER THE CHAIR OF CHAIRMAN, P&D
BOARD, GOVERNMENT OF SINDH HELD ON 7TH JUNE, 2022 AT P&D
DEPARTMENT, GOVERNMENT OF SINDH

Additional funds required as CAPEX or OPEX to be paid to SIDCL and to SMTA for completion of remaining works of Orange BRT project in CFY

In continuation to the first meeting held on 24th May 2022, the second meeting was held on 7th June 2022 on the subject matter and was chaired by Worthy Chairman P&D Board. The meeting was attended by the Secretary, Finance, Additional Secretary, Finance, Director, Internal Auditor Finance, MD, SMTA, Director Infra, SMTA, Director Finance, SMTA and Chief, TMT Section, P&D Department.

2 The Chair was briefed by sub-committee comprising of Chief (TMT), P&DD, Director, (Infra SMTA) and Director, Internal Audit, FD regarding reconciliation statement for SIDCL wherein an amount of Rs. 990.983 million has been worked out whereas an amount of Rs.407.0 million has already been provided during current year allocation and hence reducing the total requirement Rs.583.983 million which is within the approved heads taken in the revised PC-I.

3 It was briefed to the forum that as per the Facilitation and Implementation (F&I) agreement between the SIDCL and TMTD, the Government of Sindh has to pay to the SIDCL on demand, any actual charges for Orange BRT project (clause mentioned below for ready reference):

"Besides estimated costs for procurement and operations, GoS shall pay SIDCL, on demand, any actual charges for the Orange Line BRTS' procurement and operations, including increase in price under Project Contracts due to variation, taxes and insurance charges"

4 It was also briefed to the forum that as per statement given by SIDCL vide letter dated 25th May, 2022 which verifies that Rs.994.096 million have been received by them and out of that Rs.260.033 million are in saving. Further statement reveals that the funds are not utilized by SIDCL as per amount released against the different heads maintained by the TMT Department. However, the chair commented that the funds to be transferred to the SIDCL in an escrow account and that there has to be an escrow agreement between the SIDCL and Government of Sindh as per clause mentioned below for ready reference:

"SIDCL may elect to issue notice to proceed under the relevant Project Contracts only after GoS has deposited relevant funds in the designated account of the National bank of Pakistan. The aforesaid designated account maintained by SIDCL with the National Bank of Pakistan shall be an escrow account. SIDCL and GoS shall additionally enter into an escrow agreement (in line with the terms and conditions for funding under this Agreement) in relaxation to, inter alia, the obligations of: (i) the GoS to deposit the funds into the designated escrow account and (ii) the SIDCL for utilization of amounts in the designated ESCROW account for the establishment of the LC and making payments under the relevant Project Contracts".

5 The forum deliberated the entire matter in detail and following recommendations were taken place for considering the directives on completion and operationalization of Orange BRT project:-

RECOMMENDATIONS:

- (i) The TMTD and the SIDCL must enter in to an escrow agreement, in compliance with the F&I agreement, specifying terms and conditions of utilization with respect to specific heads of PC-1. This is important so that proper record and follow-up on expenditures may be maintained.
- (ii) SIDCL will submit detail audit report to the TMT Department based on update releases and expenditure as per revised PC-I.
- (iii) The Re-revision of the PC-1 (current approved cost PKR 4.290 billion) to be carried out considering the completion of Orange BRT, additional works undertaken based on the SIDCL observations and subsequent operation of Orange BRT.
- (iv) In the Re-revised PC-1; an *Exigency head* to be incorporated to cater for variations in cost estimates specifically during the operationalization of Orange BRT project, with detailed rationale and documentary evidence to be recorded in the Re-revised PC-1.
- (v) A total sum of PKR 583.983 million can be provided to the SIDCL in the current FY as an additional demand from outside budget after approval from Cabinet Sub-committee on financial matters. If the amount is not arranged in current financial year than the said amount of Rs.583.983



RECONCILIATION STATEMENT FOR SIDCL

S. No.	Item name as per approved revised PC-1	Approved Cost as per PC-1	Amount already paid to SIDCL	Balance amount to be paid to SIDCL	Total Amount (4+5)	Excess Amount	Savings	Demand of SIDCL	Proposed amount as per Summary	7th June 2021 as per final Committee Meeting	Remarks	Share of SIDCL as per revised approved PC-1 Rs. 2.120 billion
1	2 12 meter diesel hybrid buses 20 Nos	3 491,690,000	2 56,200,122	1 562,993,122	65,297,122	-	-	-	-	-	-	-
2	Full spare parts packages for BRT's in Vehicles from the delivery of the vehicle through the duration of the contract (B.I.A)	3 \$3,448,000	3 \$3,448,000	2 -	1 \$8,448,000	-	-	-	558,096,000	-	-	-
3	Supply of Tools and diagnostic equipment for BRT's vehicles (B.I.B)	1 1,952,000	1 1,952,000	0 -	1 1,952,000	-	-	-	351,378,513	290,981,128	261,881,015	261,881,015 ITTS important for operation
4	ITTS Hardware + Software Total as 32%	4 41,112,626	4 89,734,113	3 351,378,513	4 41,112,626	-	-	-	202,499,798	202,499,798	-	-
5	35% taxes for buses	5 179,170,580	5 179,170,000	4 -	4 179,170,000	-	-	-	65,297,122	351,378,513	1,05,576,526	261,881,015
	Total	117,337,916	192,297,436	351,378,513	1,243,675,919	-	-	-	-	-	-	-
	Oper. Cost	-	-	-	-	-	-	-	-	-	-	-
5a	Bus Ops & O&M	41,957,336	102,198,000	-	102,198,000	-	-	-	59,240,664	-	-	-
6	ITTS Operation	33,700,000	-	33,700,000	33,700,000	-	-	-	33,700,000	33,700,000	33,700,000	ITTS operation is routine matter for bus operation
7	ITTS Maintenance (2 years warranty + 1 year O&M)	44,000,000	-	44,000,000	44,000,000	-	-	-	44,000,000	44,000,000	44,000,000	ITTS operation is routine matter for bus operation
8	Station Management	129,600,000	-	129,600,000	129,600,000	-	-	-	129,600,000	129,600,000	129,600,000	Station Management included security, cleaning maintenance
9	Operation cost	60,000,000	-	60,000,000	60,000,000	-	-	-	60,000,000	60,000,000	60,000,000	Important for bus operation
10	Maintenance Service cost of vehicles	40,716,000	-	40,716,000	40,716,000	-	-	-	40,716,000	40,716,000	40,716,000	Important for bus operation
11	Maintenance Training Program	45,000	-	448,000	448,000	-	-	-	448,000	448,000	448,000	448,000 Important for bus operation
12	Driver Training Program	368,000	-	368,000	368,000	-	-	-	368,000	368,000	368,000	368,000 Important for bus operation
13	Complaints of EUE vehicles Home logistics	16,512,000	-	16,512,000	16,512,000	-	-	-	16,512,000	16,512,000	16,512,000	16,512,000 Important for bus operation
14	Registration & Licenses for BRT's vehicles	364,321,336	102,198,000	375,364,000	427,502,000	50,210,664	325,364,000	548,586,754	334,500,148	325,364,000	-	-
	Total Subsidy required	364,321,336	102,198,000	375,364,000	427,502,000	50,210,664	325,364,000	548,586,754	334,500,148	325,364,000	-	-
	Total A+B	1,546,700,522	-	-	-	-	-	-	-	-	-	-
14	Add 2% consultancy charges on every transaction - legal and operation services	30,934,010	-	30,934,010	30,934,010	-	30,934,010	51,937,623	51,937,623	30,934,010	30,934,010 Administrative requirement	-
15	Add 2% compensation (Indemnity) for damages (valuation not more than 100%)	30,934,010	-	30,934,010	30,934,010	-	30,934,010	155,810,742	160,343,777	30,934,010	30,934,010 Due to price variation	-
16	Add 2% insurance of Govt. asset (0.67% per year)	30,934,010	-	30,934,010	30,934,010	-	30,934,010	67,931,932	67,931,932	30,934,010	30,934,010 Administrative requirement	-
17	Add 2% establishment charges of SIDCL	30,934,010	-	30,934,010	30,934,010	-	30,934,010	30,934,010	30,934,010	30,934,010	30,934,010 Physical mitigation of O.L. and G.L. infrastructure maintenance for one year and consultancy cost.	-
18	Improvement in Infrastructure (Physical mitigation and infrastructure maintenance)	450,000,000	-	450,000,000	450,000,000	-	450,000,000	290,000,000	280,000,000	280,000,000	280,000,000	-
	Total	573,736,040	-	573,736,040	573,736,040	-	573,736,040	756,614,327	60,147,322	401,754,040	401,754,040	-
	Total to be given to SIDCL	2,120,436,562	991,492,436	1,259,478,553	2,244,973,989	(124,537,987)	1,250,478,553	2,156,170,007	1,400,330,233	990,930,053	990,930,053	(407,000,000)
	Amount already in process	-	-	-	-	-	-	-	-	-	-	558,930,053
	Proposed amount recommended	-	-	-	-	-	-	-	-	-	-	-

Total proposed amount (outside budget) recommended to be paid to SIDCL in the current FY. This total amount is within the overall approved Revised PC-1 as well as within each approved head, as agreed in the committee meeting on 7th June 2022.



No. SU(G)/U.L-Addl.fund/2021
GOVERNMENT OF SINDH
TRANSPORT & MASS TRANSIT
DEPARTMENT

Karachi, dated 17th June, 2022

To,

The Honorable
Mr. Imtiaz Ahmed Shaikh,
Minister for Energy/ Chairman,
Sub-Committee on Financial matter,
Karachi

**SUBJECT: ADDITIONAL FUNDS REQUIRED (AS CAPEX & OPEX) TO BE PAID
TO SIDCL AND TO SMTA FOR COMPLETION OF REMAINING WORKS
OF ORANGE BRT IN THE CURRENT FINANCIAL YEAR.**

Sir,

I am directed to refer to the subject noted above and to enclose herewith copy of summary vide diary No.161, dated 14.03.2022 duly approved by the Honorable Chief Minister Sindh along with minutes of meeting held on 07.06.2022 under the Chairmanship of Worthy Chairman, P&D Board and reconciliation statement for SIDCL regarding sanction of Rs.583.983 million as an additional funds from out side budget.

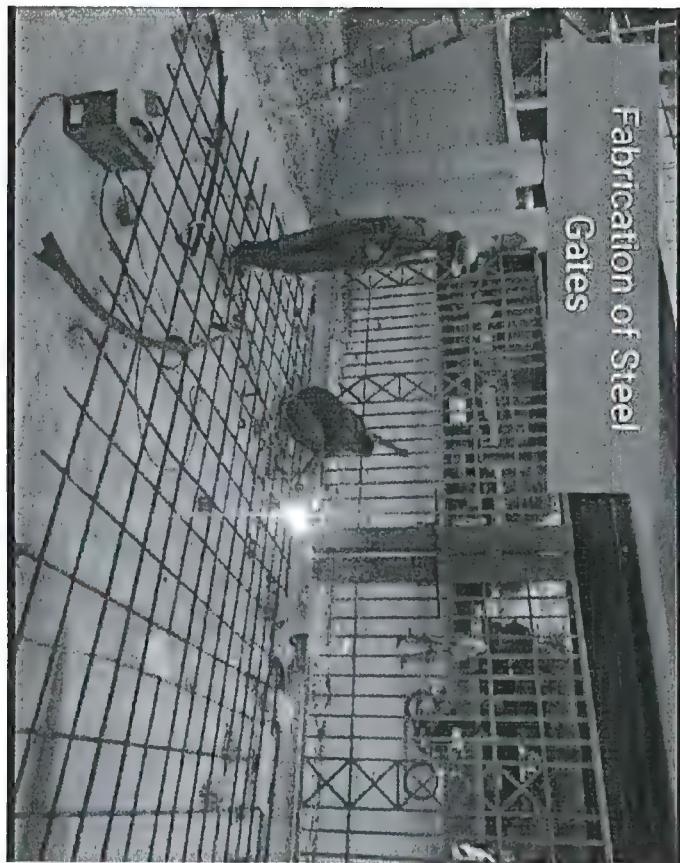
2. It is, therefore, requested that the matter/item may be placed before the forthcoming meeting of Sub-Committee of Cabinet on Financial matters for sanction of Rs.583.983 million as an additional funds from out side budget in the light of approved summary and recommendations of Chairman,P&D Board for payment to SIDCL as requested.

SECTION OFFICER (GENERAL)
For Secretary to Government of Sindh

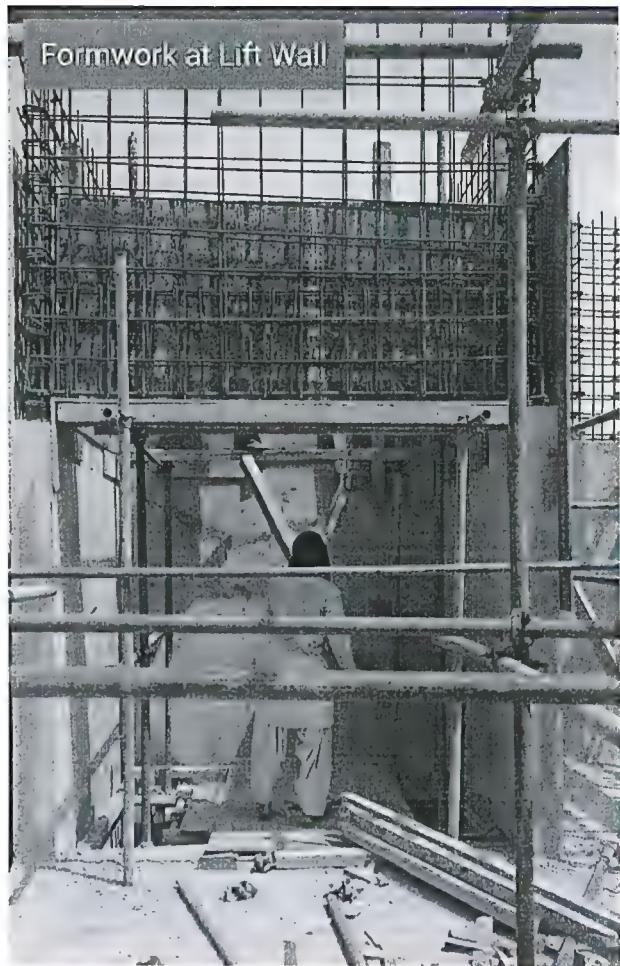
A copy is forwarded for information to:

- The Secretary (GA), SGA&CD, Karachi.
- The Deputy Secretary (Cabinet) SGA&CD, Karachi
- The P.S to Minister, Transport & Mass Transit, Sindh, Karachi.
- The P.S to Secretary, Transport & Mass Transit Department, Karachi.

SECTION OFFICER (GENERAL)



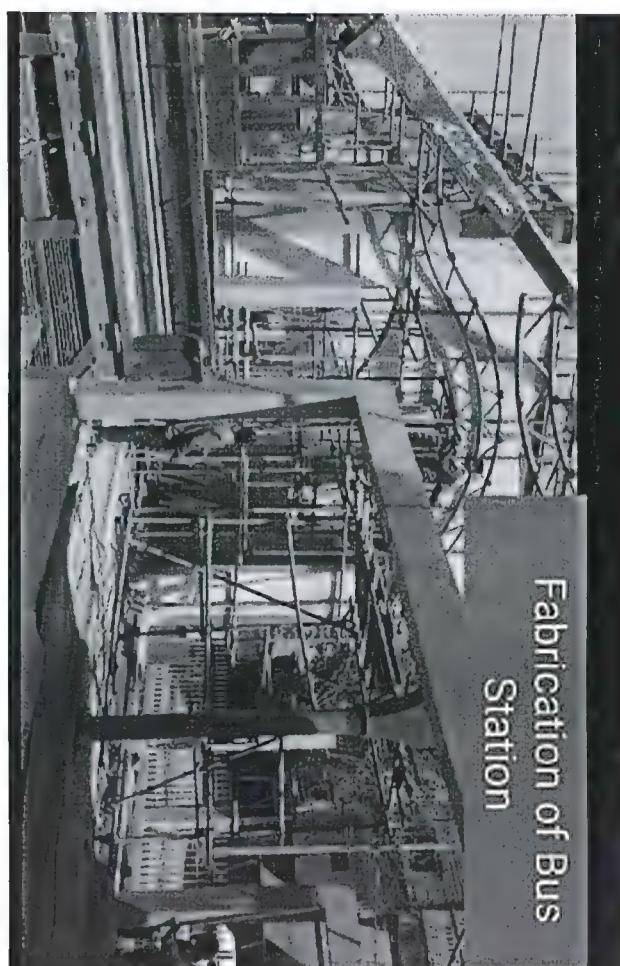
Fabrication of Steel
Gates



Formwork at Lift Wall



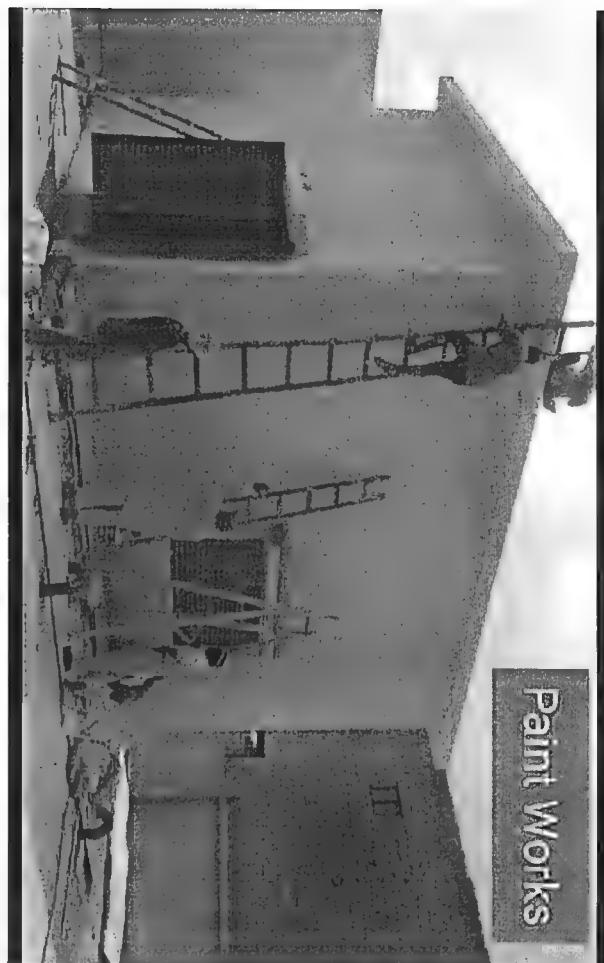
Road Carpeting at Mix
Traffic



Fabrication of Bus
Station



Lean Concrete



Paint Works



Screeing at Roof Top
Admin Building

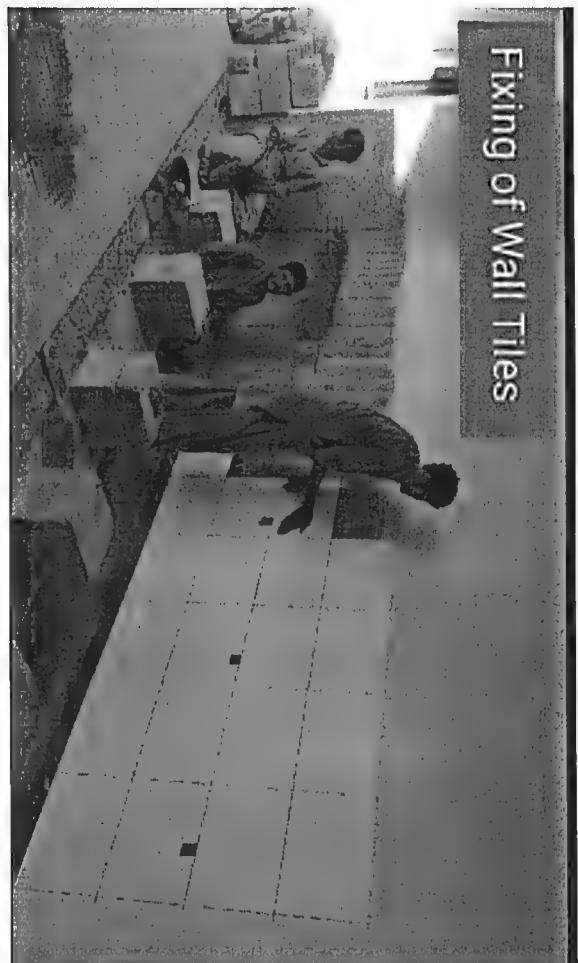


Road Carpeting at Mix
Traffic

Installation of Electric Poles at Bus Depot

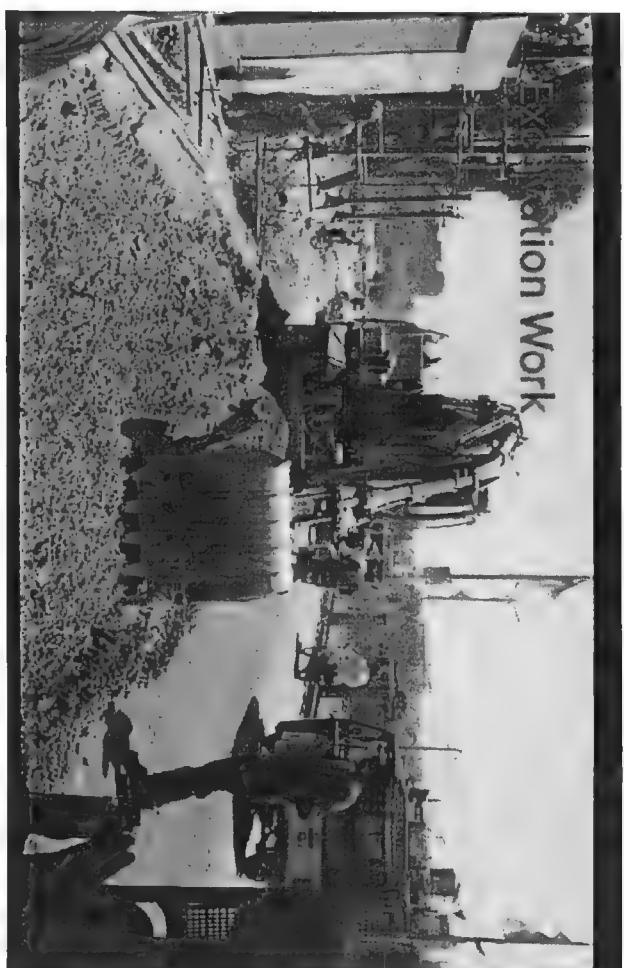
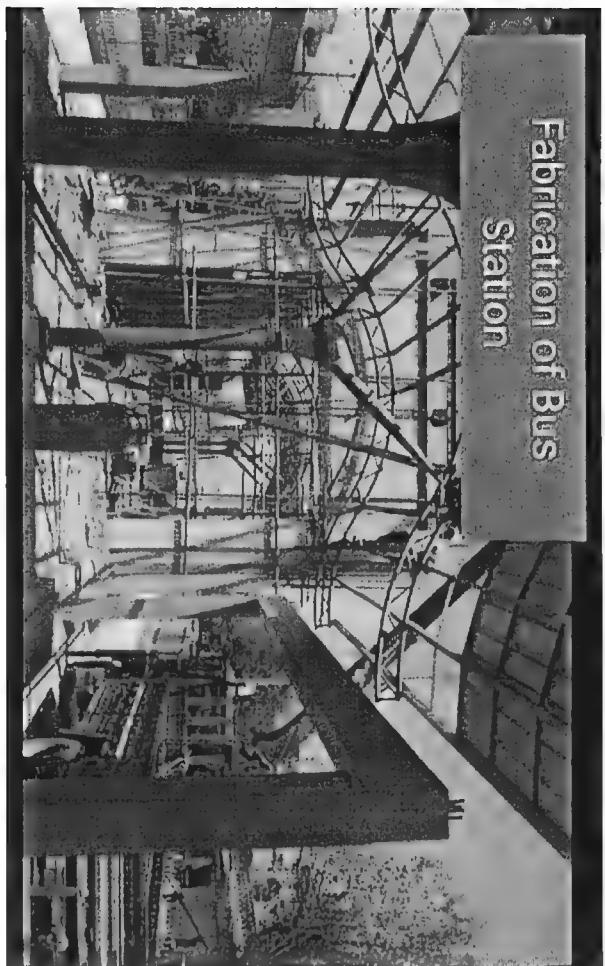
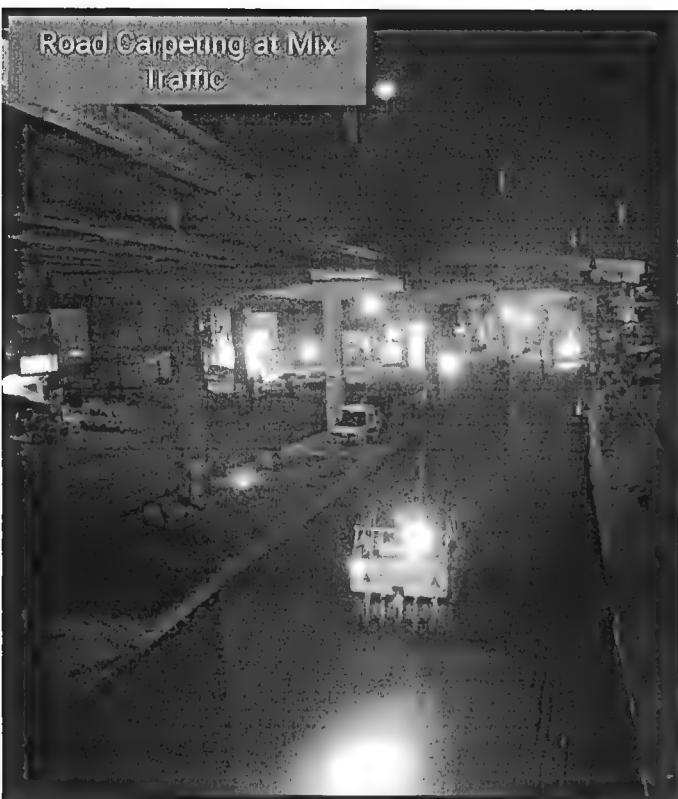


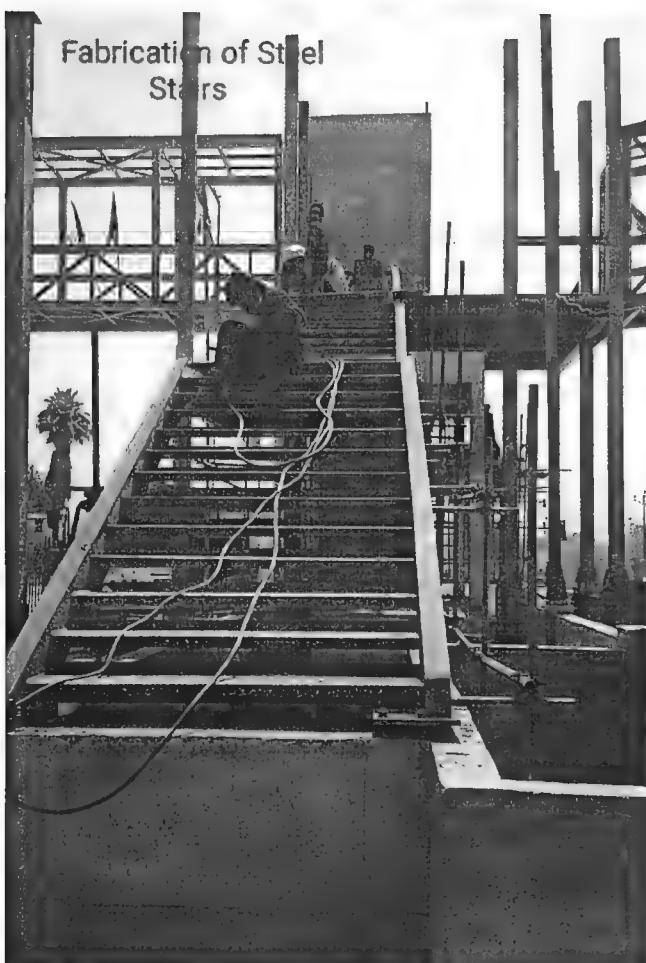
Fixing of Wall Tiles



Fixing of Washroom tiles

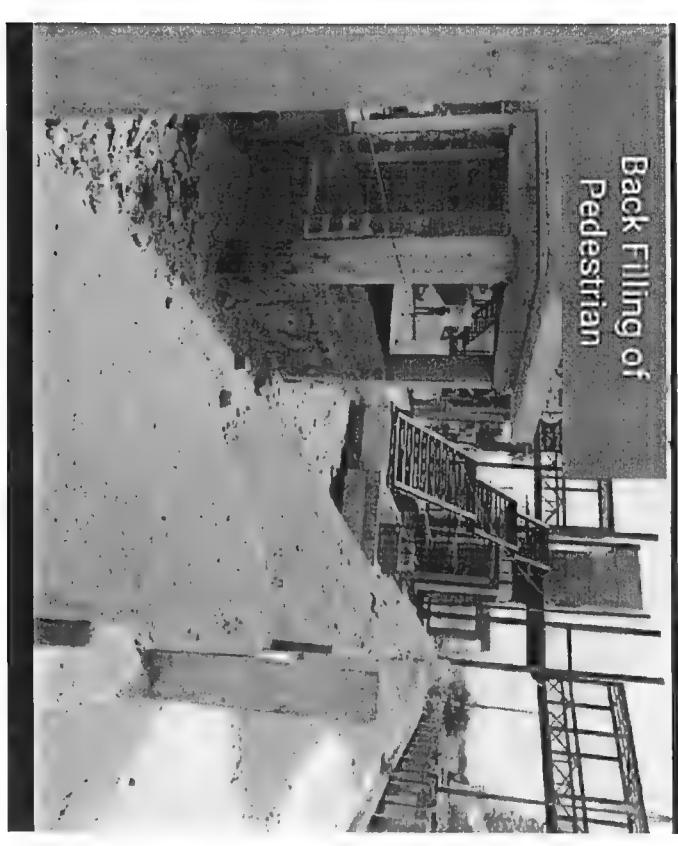








Fabrication Work



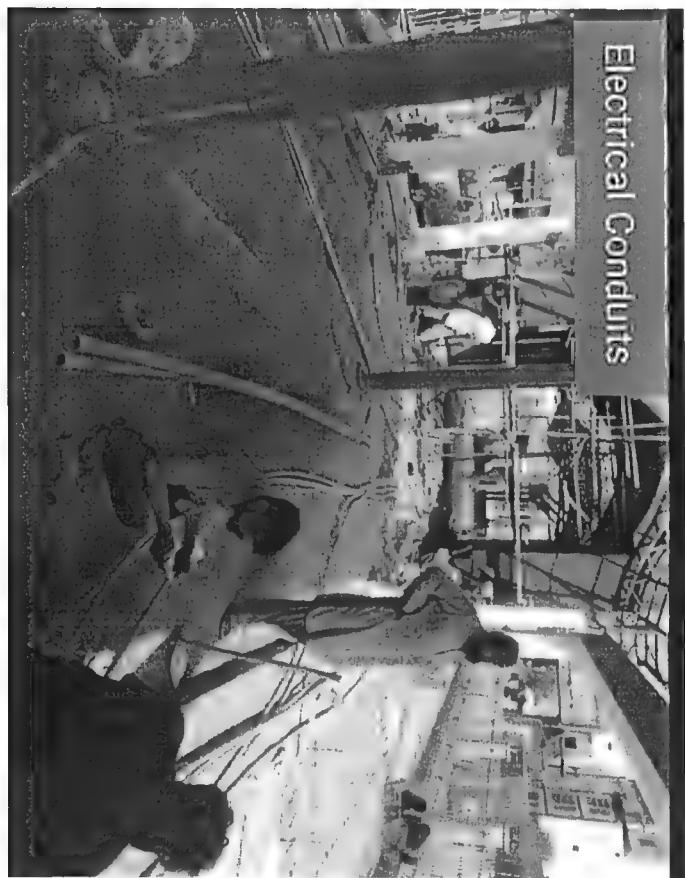
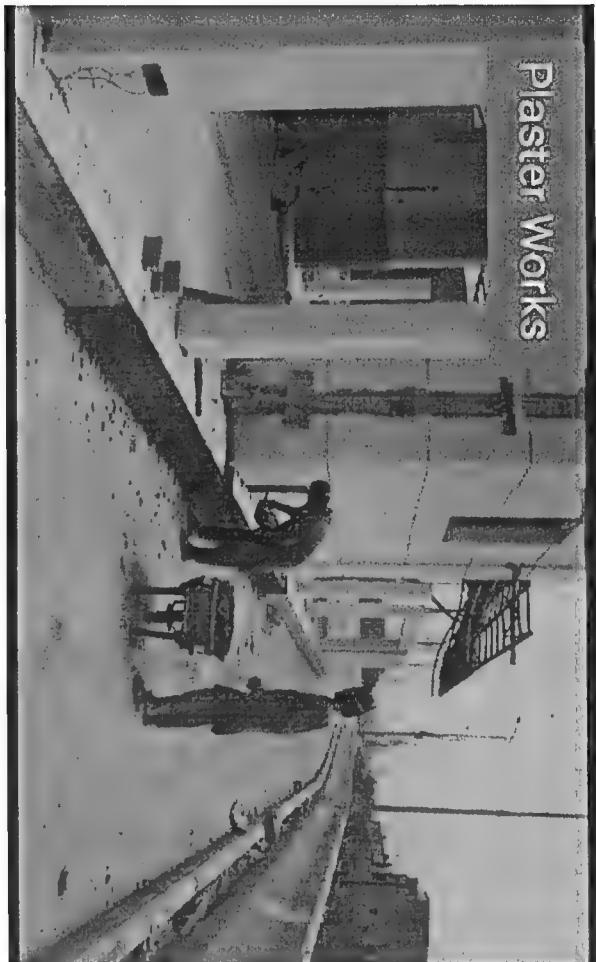
Back Filling of
Pedestrian



Electrical DBs



Fixing of Steel Grill





ACCOUNTANT GENERAL SINDH

Pakistan Audit & Accounts Complex, Main University Road
Gulshan-e-Iqbal, Block-11, Karachi

Annex - II

No. A.A.Cell/Authority/2021-2022/

Dated: -09-2021

To,

**The Manager,
National Bank of Pakistan,
Income Tax Building Branch,
Karachi.**

**SUBJECT: TRANSFER OF FUNDS INTO LAPSALE ASSIGNMENT ACCOUNT
No. 001308-9.**

In pursuance of Section Officer (RES-VI), Finance Department, Government of Sindh, Karachi, letter No: FD/SO (RES-VI)/AA-5(166)/2014-15, dated 06-08-2021, you are hereby authorized to arrange payment up to a ceiling of Rs: 31.705/=(Million) (Rupees: Thirty One Million Seven Hundred Five Thousand Only) for the current financial year 2021-22.

The amount may be paid on the receipt of assignment account cheques signed by the authorized signatories of the account after verification from the schedule of cheques received in the bank.

The above authorization of funds has been made against budgetary allocation under the head of account "SC-12134(134)-04-Economic Affairs-045-Construction and Transport-0452-Road Transport-045203-Road Transport" Cost Centre No. KQ5079, Project ID-AAKQ00012 with ADP Scheme No. 2588, the fund has been sanctioned for the financial year 2021-22.

The paid cheques with a copy of scroll may be provided to this office on the next working day. The debit on account of the paid cheques may be passed on through daily accounts to the Treasury/DAO as per existing practice.

Reimbursement of such payment will be made by the State Bank of Pakistan on the receipt of the claim from the Head Office of the National Bank of Pakistan.

The Assignment Account will be maintained only to keep a record of withdrawals out of them by their authorized officer and no receipt will be creditable to the said Account No: 001308-9 maintained at National Bank of Pakistan (NBP), Income Tax Building Branch, Karachi.

The amount remaining un-utilized at the close of financial year would lapse. It is, therefore, requested that the amount remaining un-utilized on the 30th June each year may be intimated to this office immediately after close of the financial year. The amount remaining un-utilized may be determined after providing for cheques already issued before the close of the year as per schedule of the cheques received by 30th June 2022.

It may be ensured that all required codal formalities are fulfilled before utilization of the above funds.

The Cheques will be entertained after endorsement of T.O/DAO in the Light of Finance Department Letter No. (Res-IV) 2 (72)/2010-11, Dated.13-02-2012 National Bank of Pakistan (NBP) will ensure that the original paid Cheques are return along with Scroll to T/Officer, Karachi/concerned District Accounts Office in Sindh directly on daily basis.

Please acknowledge the receipt

27/9/21

Accounts Officer

To,

The Accountant General Sindh,
Karachi.

Subject:**Permission for transfer of funds into lapsable Assignment Account No.001308-9.**

I am directed to refer to the letter No.SO(Gen.)KTC/BRTOL/2019-20 dated 26th July, 2021, received from Transport & Mass Transit Department, on the subject noted above

2. Finance Department conveys its permission for transfer of funds amounting to **Rs.31,705,000/- (Rupees Thirty One Million Seven Hundred Five Thousand Only)**, being 1st Quarter 25% Capital Component, in respect of ADP scheme No.2588/2021-22 namely "*Construction of BRTs Orange Line (C.1835.925 + R.529.19)*" into the lapsable Assignment Account No.001308-9 titled "*Construction of Orange Line Bus Rapid Transit System*" being maintained at National Bank of Pakistan, Income Tax Building Branch Karachi and jointly operated by *Mr. Iqtidar Ahmed, Managing Director, Sindh Mass Transit Authority and Mr. Ghulam Farooq Maugrio, Section Officer, Transport & Mass Transit Department*, as Principal & co-signatory.

3. It is requested that the Manager, National Bank of Pakistan, Income Tax Building Branch, Karachi may be advised to arrange payment against above mentioned ceiling of **Rs.31,705,000/- (Rupees Thirty One Million Seven Hundred Five Thousand Only)**, on the receipt of cheque and prescribed schedule of payment duly signed by the authorized signatories of the account.

4. The above funds have been provided from development budgetary allocation under the relevant Head of Account during the current financial year 2020-21.

5. The said funds have been released online at Cost Centre **KQ5079** with the following details:-

Project ID	Object	Description	Amount in Rupees
AIAKQ00012	A12470	Others	31,705,000
Total:-			31,705,000

6. Accounts Officer
The cheques will be entertained after endorsement of the concerned Treasury Officer District in the light of this department's letter NO: FD (Res-IV) 2(72)-2010-11 dated 13th February, 2012.

7. National Bank of Pakistan (NBP) will ensure that the Original paid cheques are return along with scroll to Treasury Officer, Karachi/Concerned District Accounts Officer in Sindh, directly on daily basis.

NO: FD/SO (RES-VI)/AA-5(166)/2014-15

(MOULA BUX RIND)
SECTION OFFICER (RES-V)
For Secretary to Government of Sindh
Karachi dated the, 16th August, 2021

A copy is forwarded for information and necessary action to:-

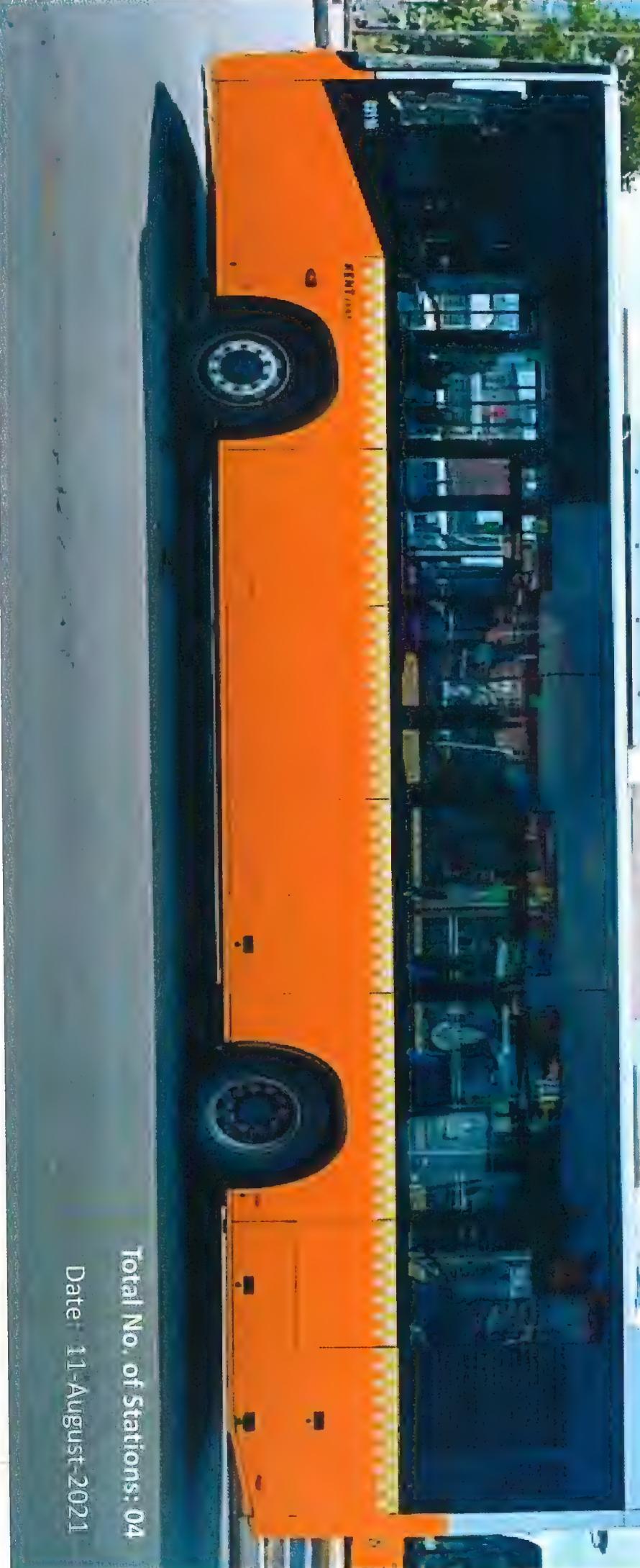
1. The Chairperson, Planning & Development Board, Karachi.
2. The Secretary to Government of Sindh, Transport & Mass Transit Department, Karachi.
3. The Managing Director, Sindh Mass Transit Authority, Karachi.
4. The Deputy Director-IT (Resource), Finance Department, GoS, Karachi.
5. The PA to Deputy Secretary (Res-II), Finance Department, GoS, Karachi.
6. The Accounts Officer, TM Section (Assignment Account Cell) AG, Sindh Karachi.
7. The Manager, National Bank of Pakistan, Income Tax Building Branch, Karachi.
8. The Treasury Officer, Karachi.
9. Master file 2021-22.


SECTION OFFICER (RES-VI)

Annex - 12

ITS Orange Line Karachi Package-A Site Survey Report

Total No. of Stations: 04
Date: 11-August-2021



Combined Survey GCS Pvt Ltd, DCC Pvt Ltd and Nespak

IIITS Orange Line Combined Survey of Bus

Station # 01-04

Survey Teams:

GCS Pvt Ltd Team

1. Mr. Abdul Shakoor
2. Mr. Syed Tariq Hussain

DCC Pvt Ltd Team

- Mr. M. Ghulfran Khizar

Nespak Team

- Mr. Rehan



Kent Kart



Orange Line Bus Stations Survey Report

for Installation/Placement of Real Time

Passenger Information (RTPI), Turnstile Gate,

Wide Gate and Ticket Vending Machine

RTPI Displays

Types:

Lowest Height ~4W:1H Dimensions, 30-40 characters per row, preferable matrix

3s – LED/LCD, capable to show min 3 lines of text,

3d – LED/LCD, capable showing min 3 lines of text, double sided

Medium Height ~4W:2H, 30-40 characters per row, preferable matrix

5s – LED/LCD, capable showing min 5 lines of text

5d – LED/LCD, capable showing min 5 lines of text, double sided

Infotainment and Overview, 70-100 characters per row (free matrix/dynamic):

1 – TFT > 55”, double sided by mounting two back to back (> 10 lines)

Preface

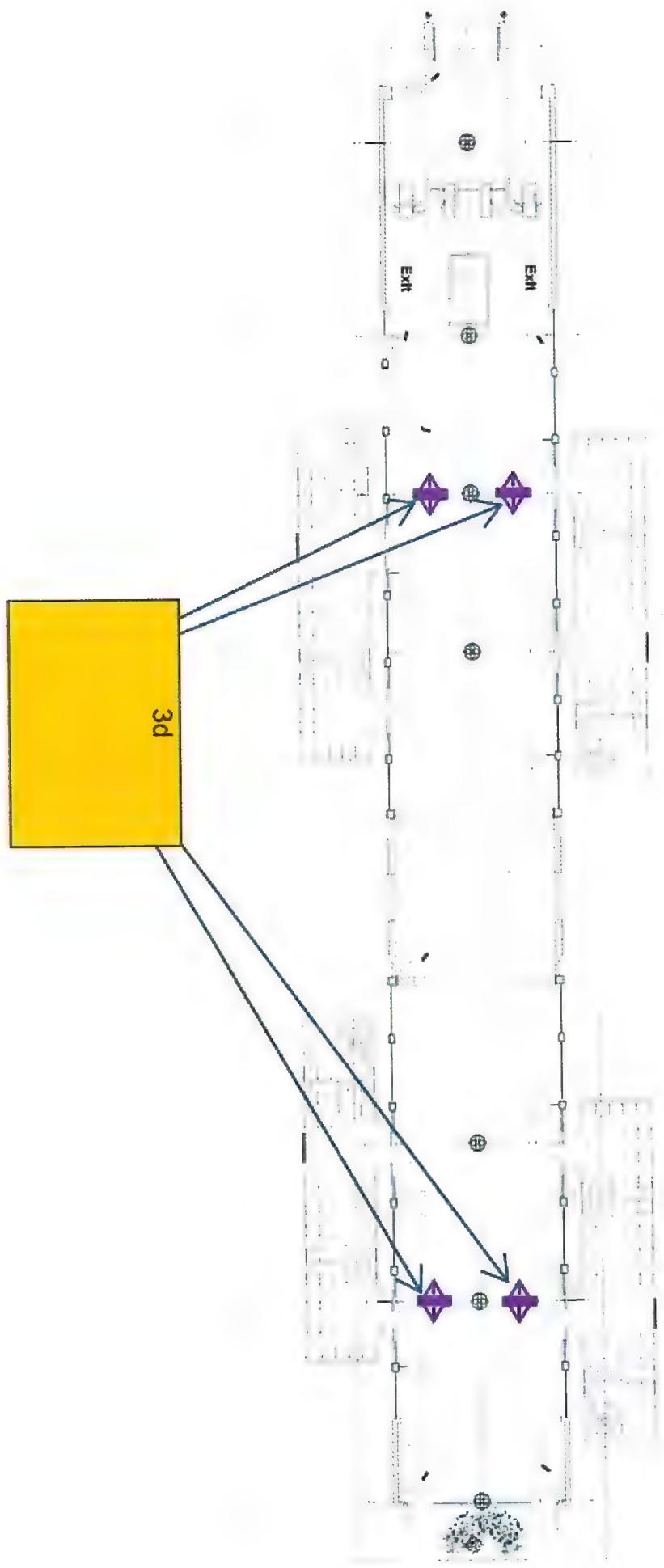
- Images Label = Station No – Device Type/Name – Device No.
e.g. **S01-3D-01** (station No. 1 – 3D RTPI – No. 01)
- WG = Wide Gate
- RTPI = Real Time Passenger Information
- TVM = Ticket Vending Machine

Station No. 01

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine

Station No. 01 RTPI Proposed Layout

Station



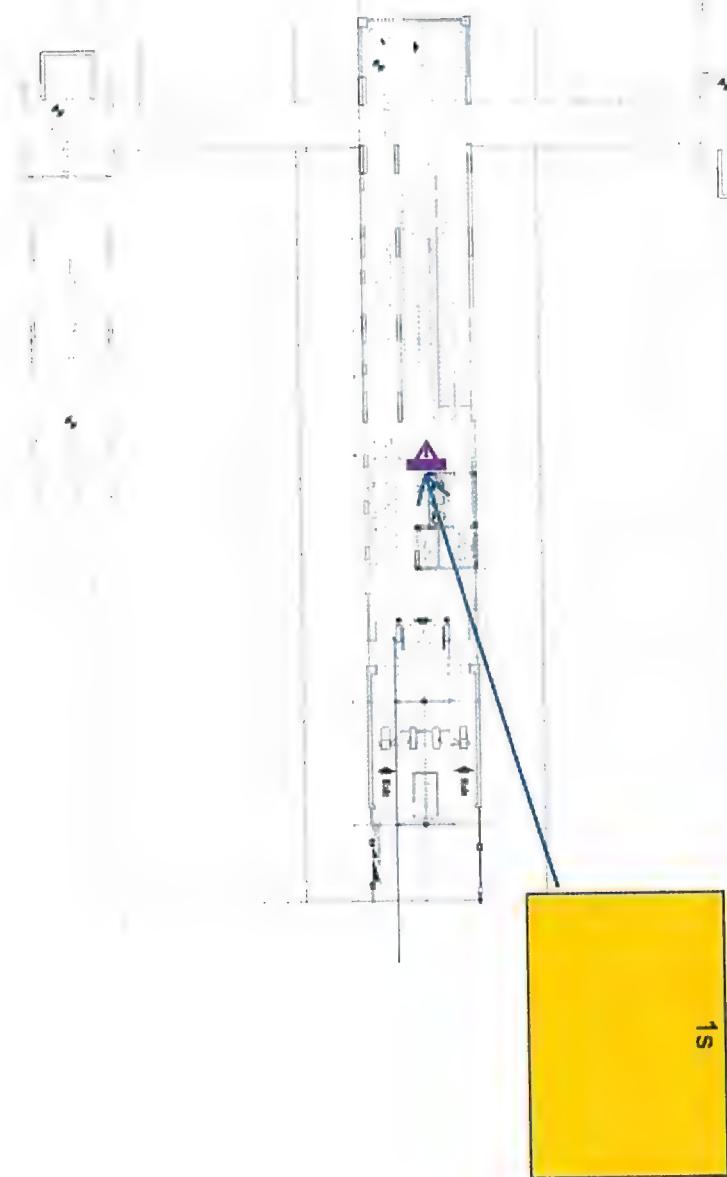
Station No. 01 RTPI Placement Location

Station



- At above points S01-3D-01,02,03 & 04, no power and data/ethernet cable available.

Station No. 01 RTPI Proposed Layout

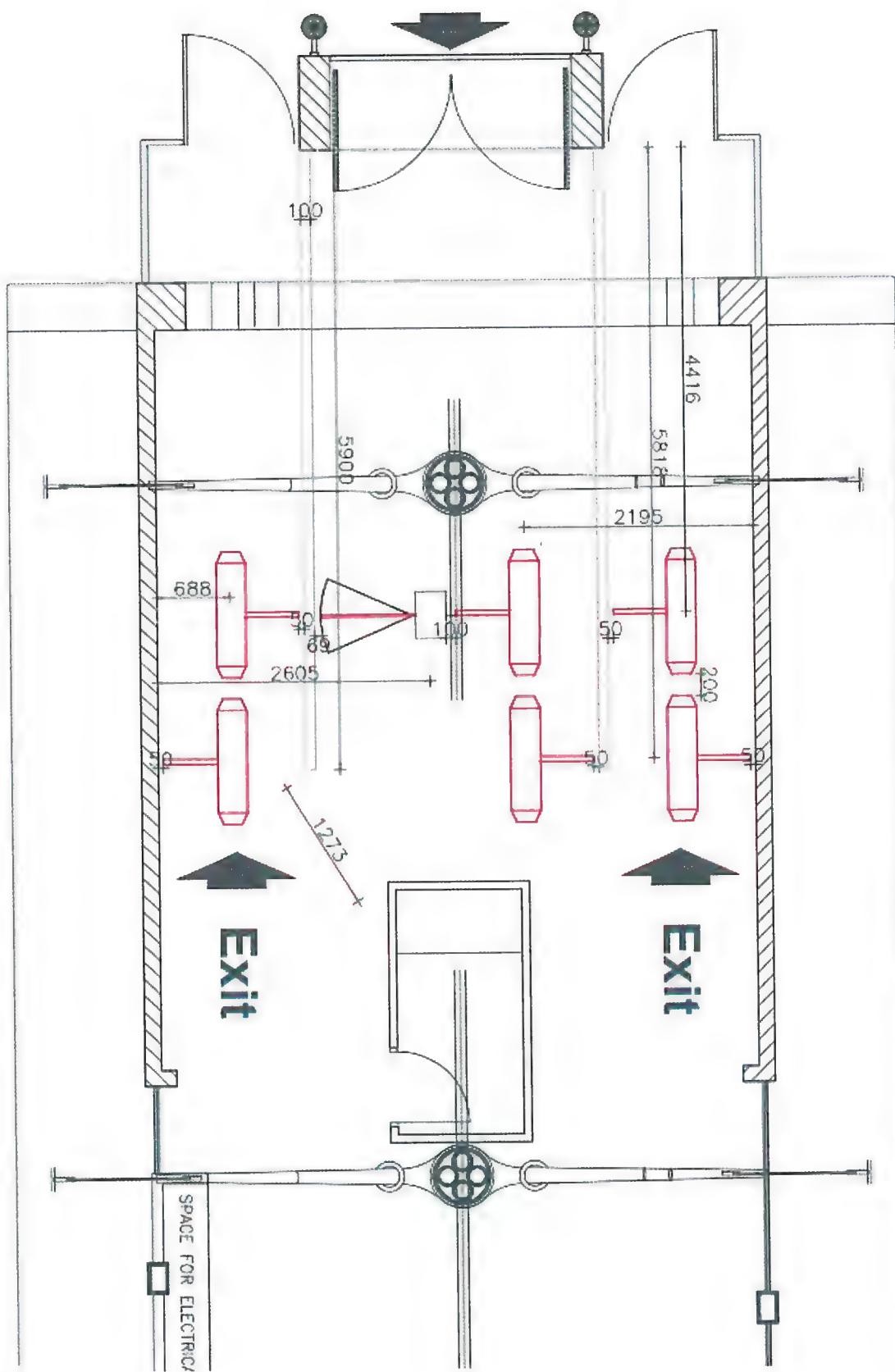


Station No. 01 RTPI placement at Ticket Office



- S01-1S-01 RTPI will be installed at ticket counter. Ticket counter need some modification

Station No. 01 Turnstile Gate & Wide Gate Proposed layout



Station No. 01 Turnstile Gate & Wide Gate Placement Location



- Available turnstile placements points are not as per drawings, changes has been suggested to the concerned team also suggested to do not fix tiles/marble at these points

Station No. 01

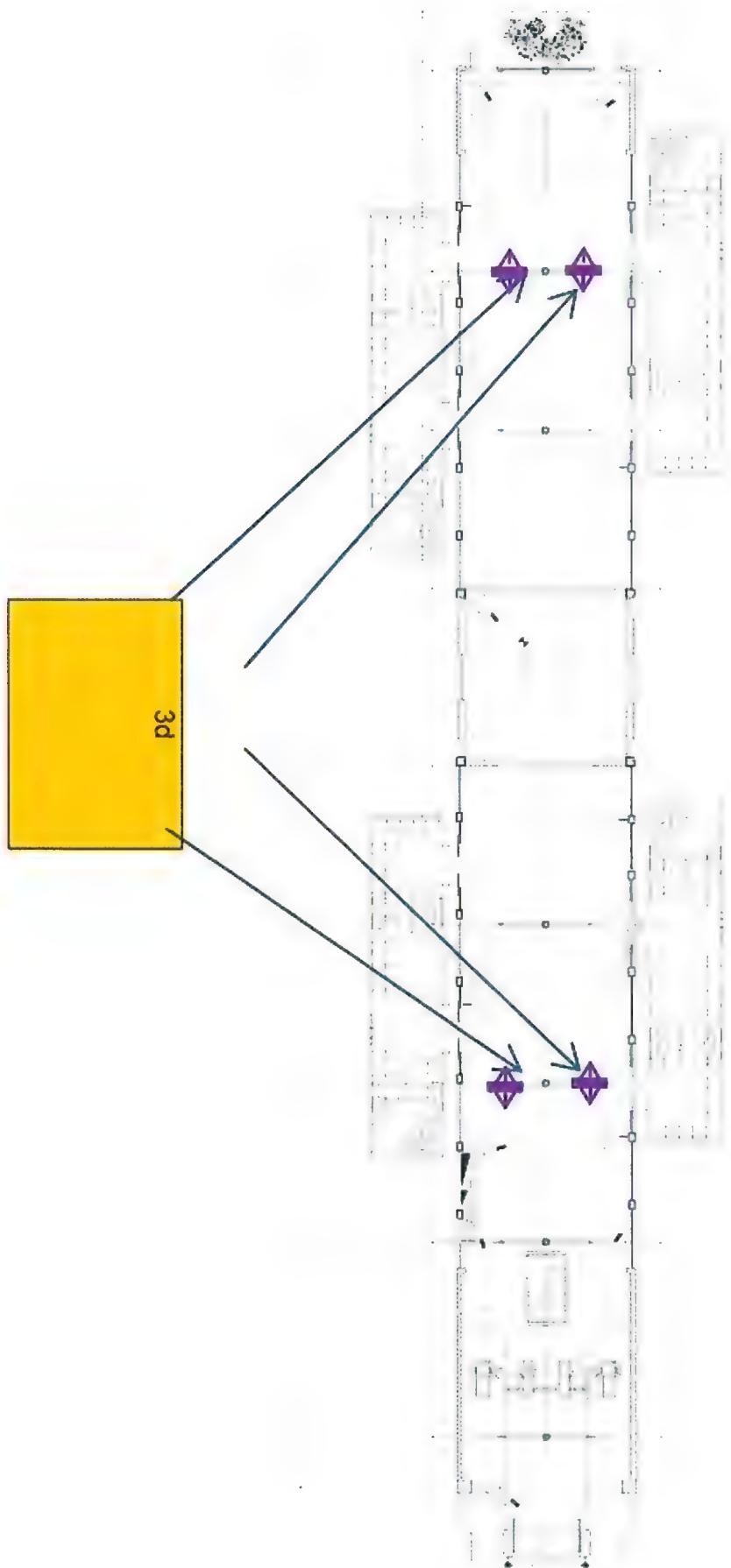
- **Station:** Civil work is in progress
- **Turnstile:** available points are not designed as per drawings provided by the DCC, changes has been suggested to the concerned team
- **RTPI:** S01-1S-01 RTPI will be installed at ticket counter. Ticket counter civil work need some modification
- **TVM:** placement location/room not ready

Station No. 02

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine

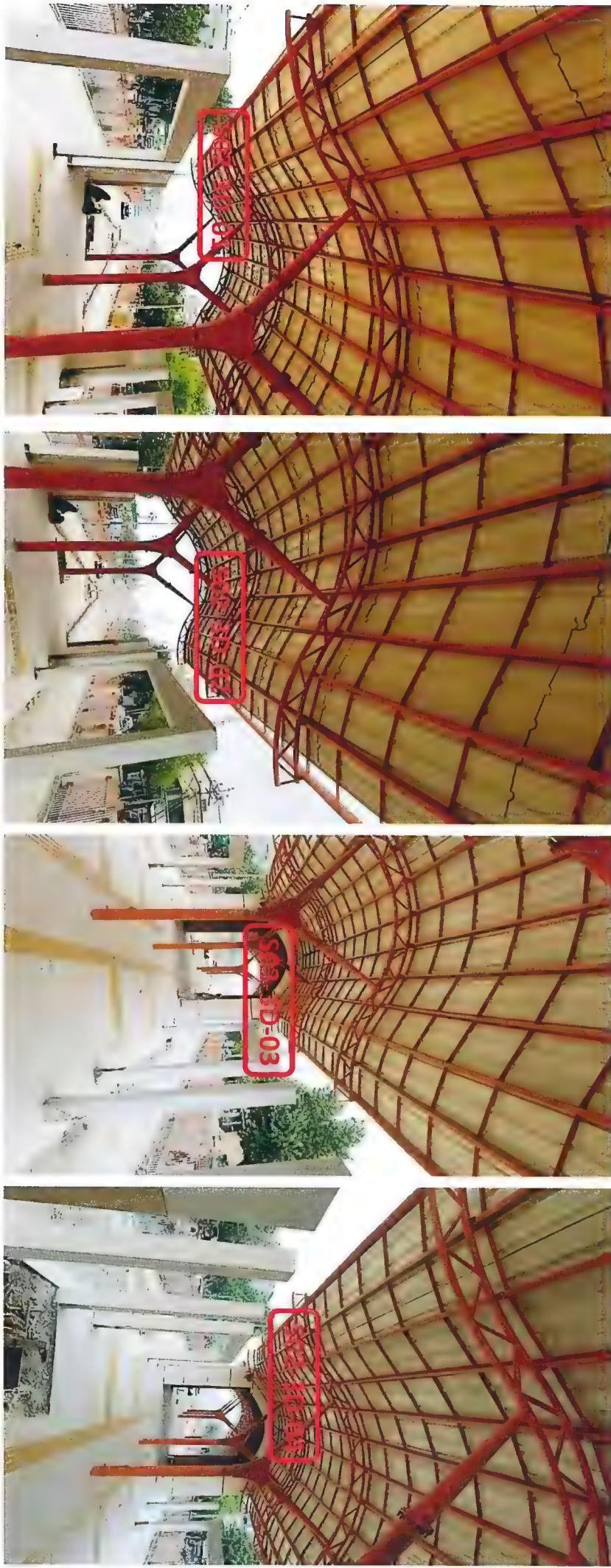
Station No. 02 RTP| Proposed Layout

Station



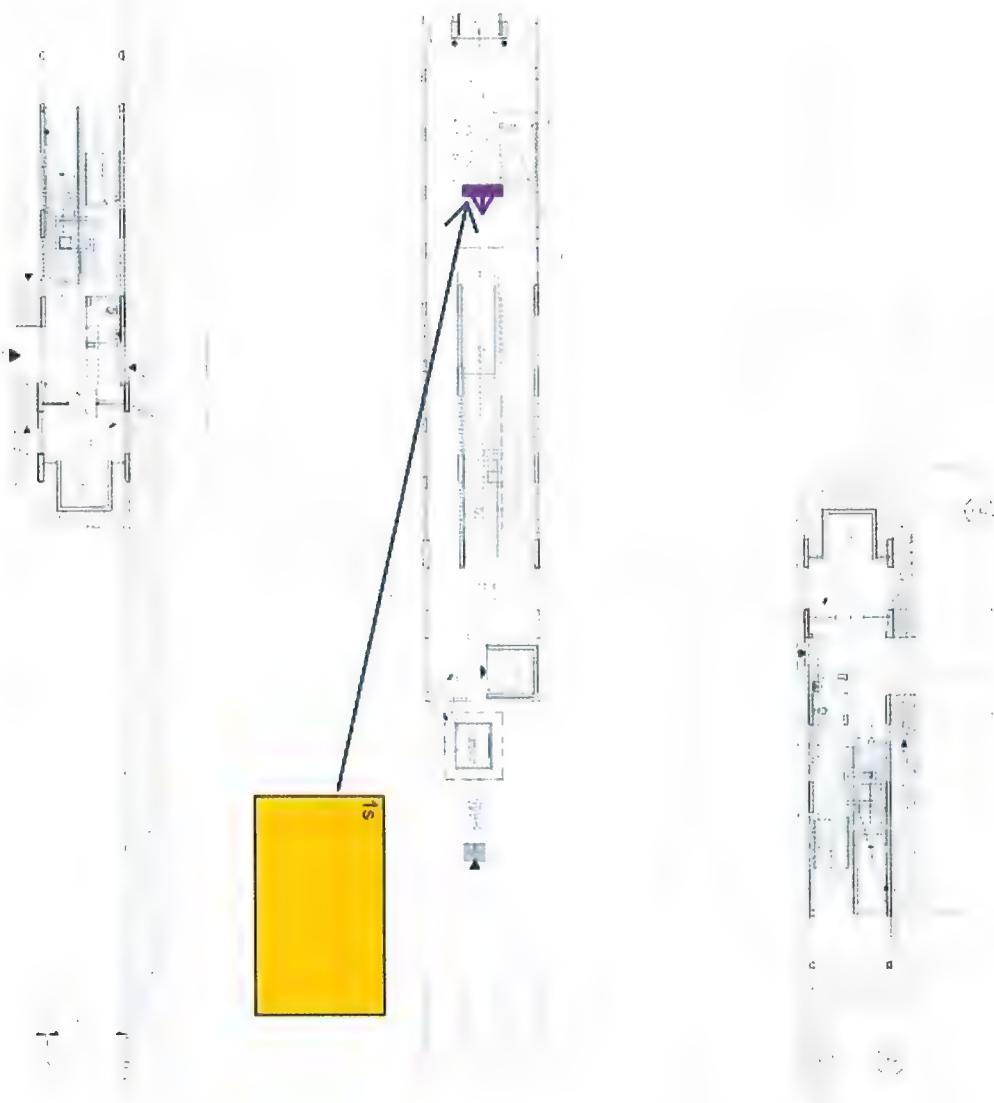
Station No. 02 RTPI Placement Location

Station



- At above points S02-3D-01,02,03 & 04, no power and data/ethernet cable available.

Station No. 02 RTPI Proposed Layout

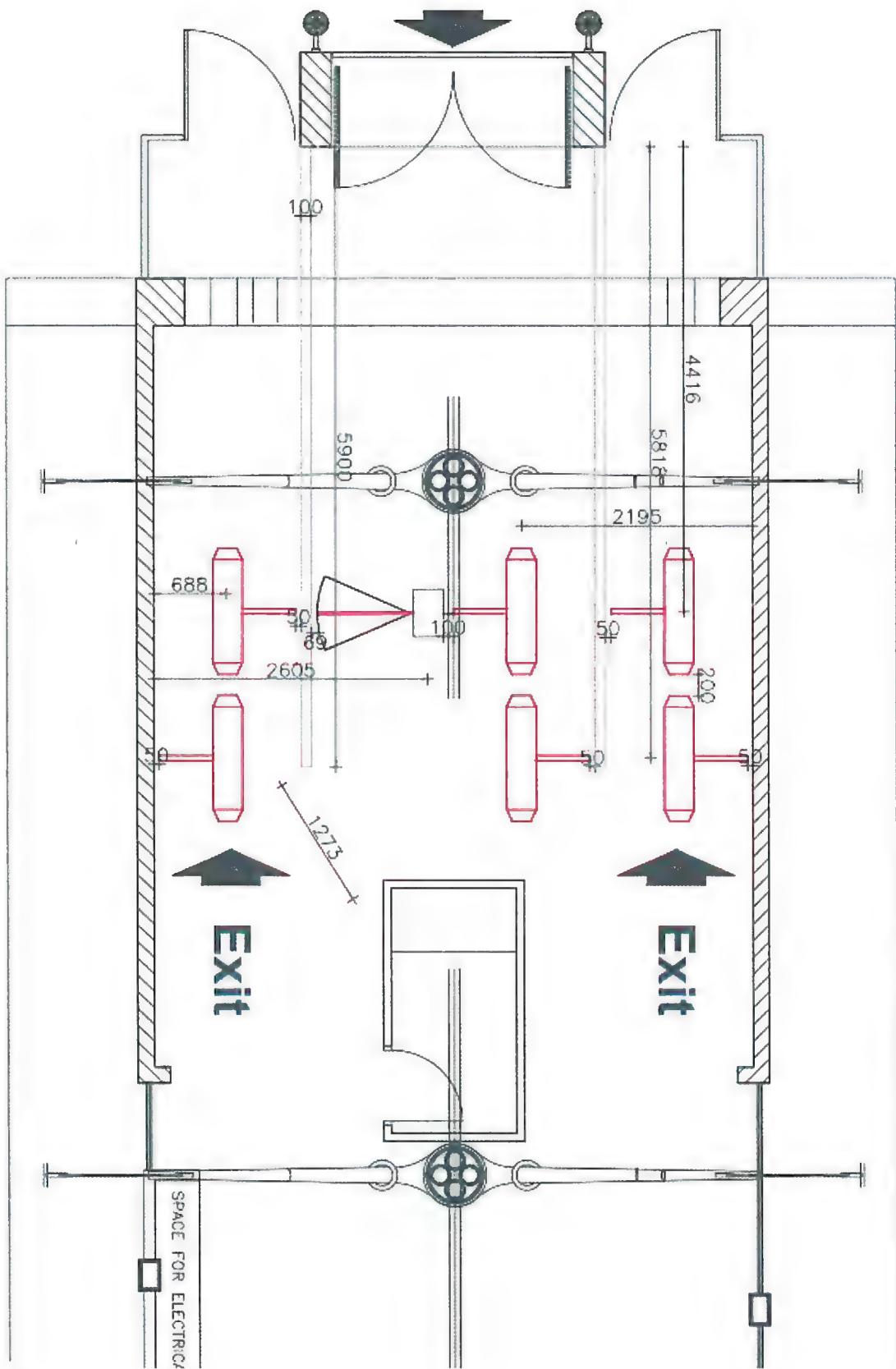


Station No. 02 RTPI placement at Ticket Office

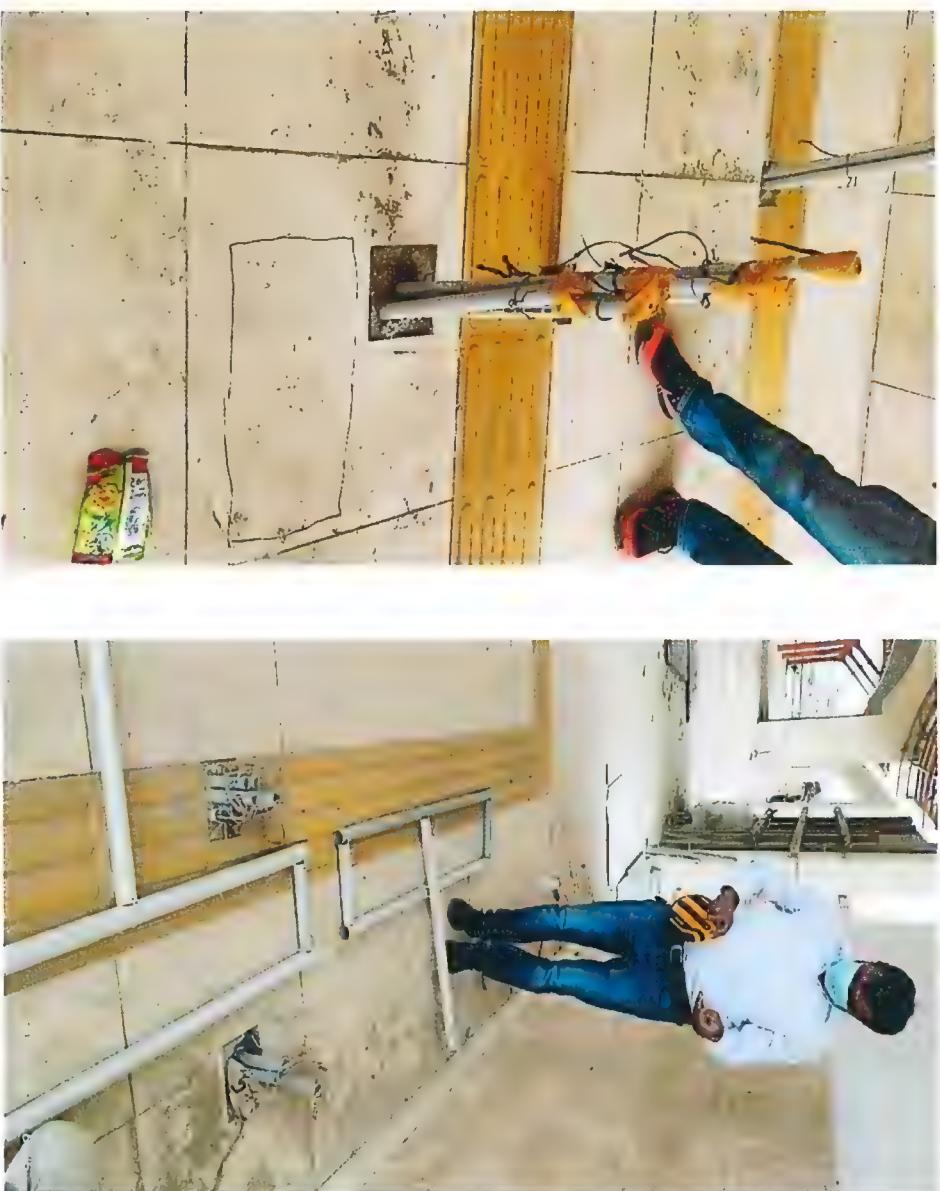


- S02-1S-01 RTPI will be installed at ticket counter. Ticket counter need some modification

Station No. 02 Turnstile Gate & Wide Gate Proposed layout



Station No. 02 Turnstile Gate & Wide Gate Placement Location



- Available turnstile placements points are not as per drawings, changes has been suggested to the concerned team also suggested to do not fix tiles/marble at these points

Station No. 02

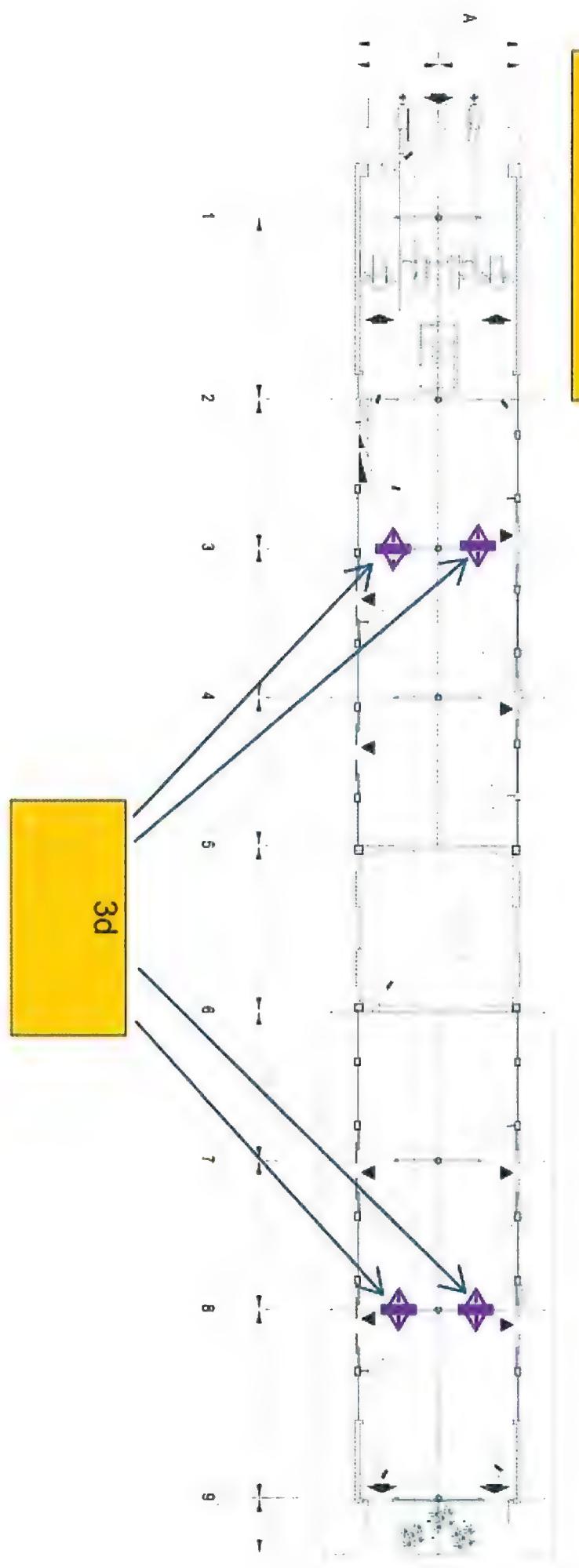
- **Station:** Civil work is in progress
- **Turnstile:** available points are not designed as per drawings provided by the DCC, changes has been suggested to the concerned team
- **RTPI:** S02-1S-01 RTPI will be installed at ticket counter. Ticket counter civil work need some modification
- **TVM:** placement location/room not ready

Station No. 03

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine

Station No. 03 RTPI Proposed Layout

Station



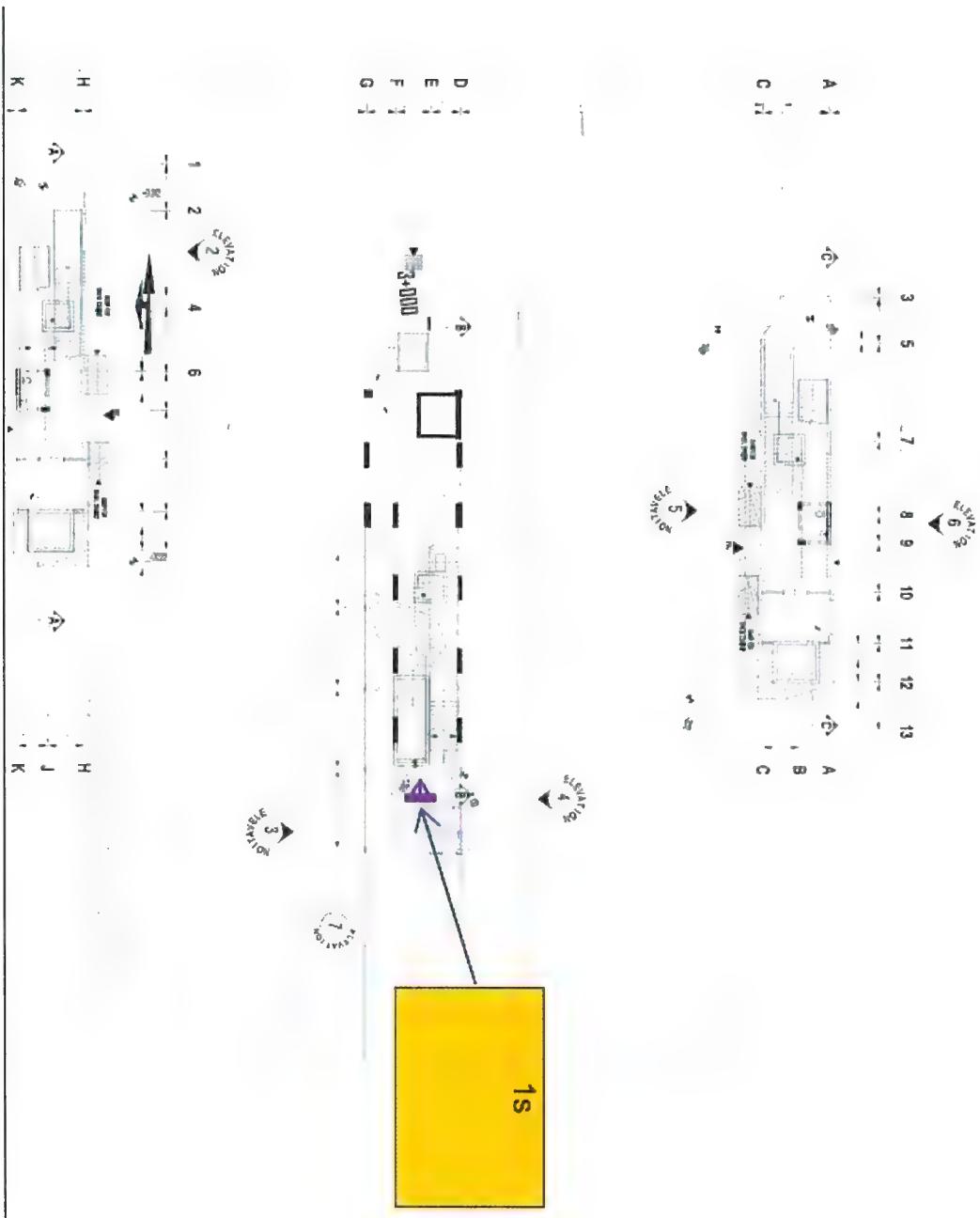
Station No. 03 RTP Placement Location

Station



- At above points S03-3D-01,02,03 & 04, no power and data/ethernet cable available.

Station No. 03 RTPI Proposed Layout

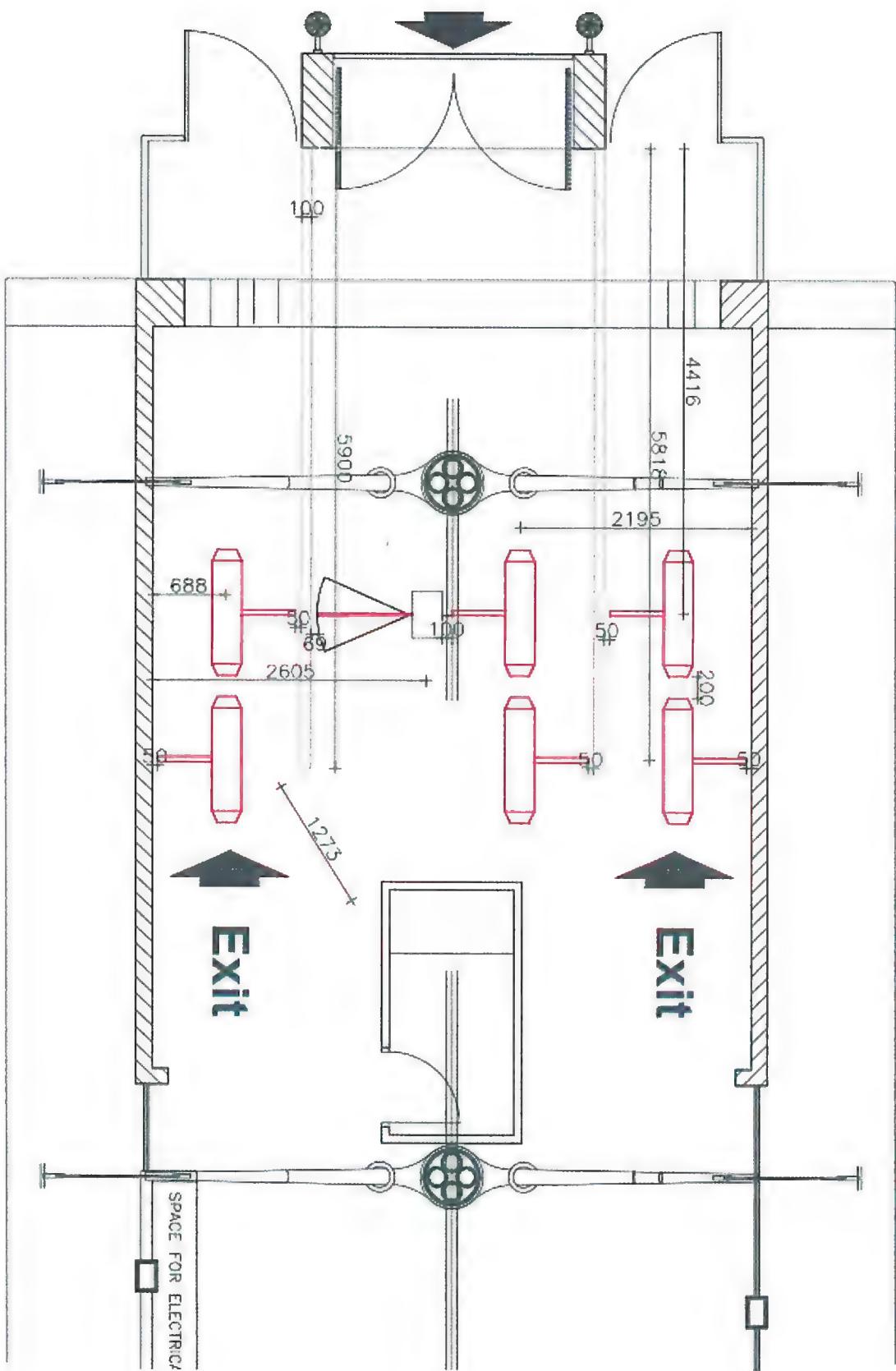


Station No. 03 RTPI placement at Ticket Office



- S04-1S-01 RTPI will be installed at ticket counter. Ticket counter need some modification

Station No. 03 Turnstile Gate & Wide Gate Proposed layout



Station No. 03 Turnstile Gate & Wide Gate Placement Location



- Available turnstile placements points are not as per drawings, changes has been suggested to the concerned team also suggested to do not fix tiles/marble at these points

Station No. 03

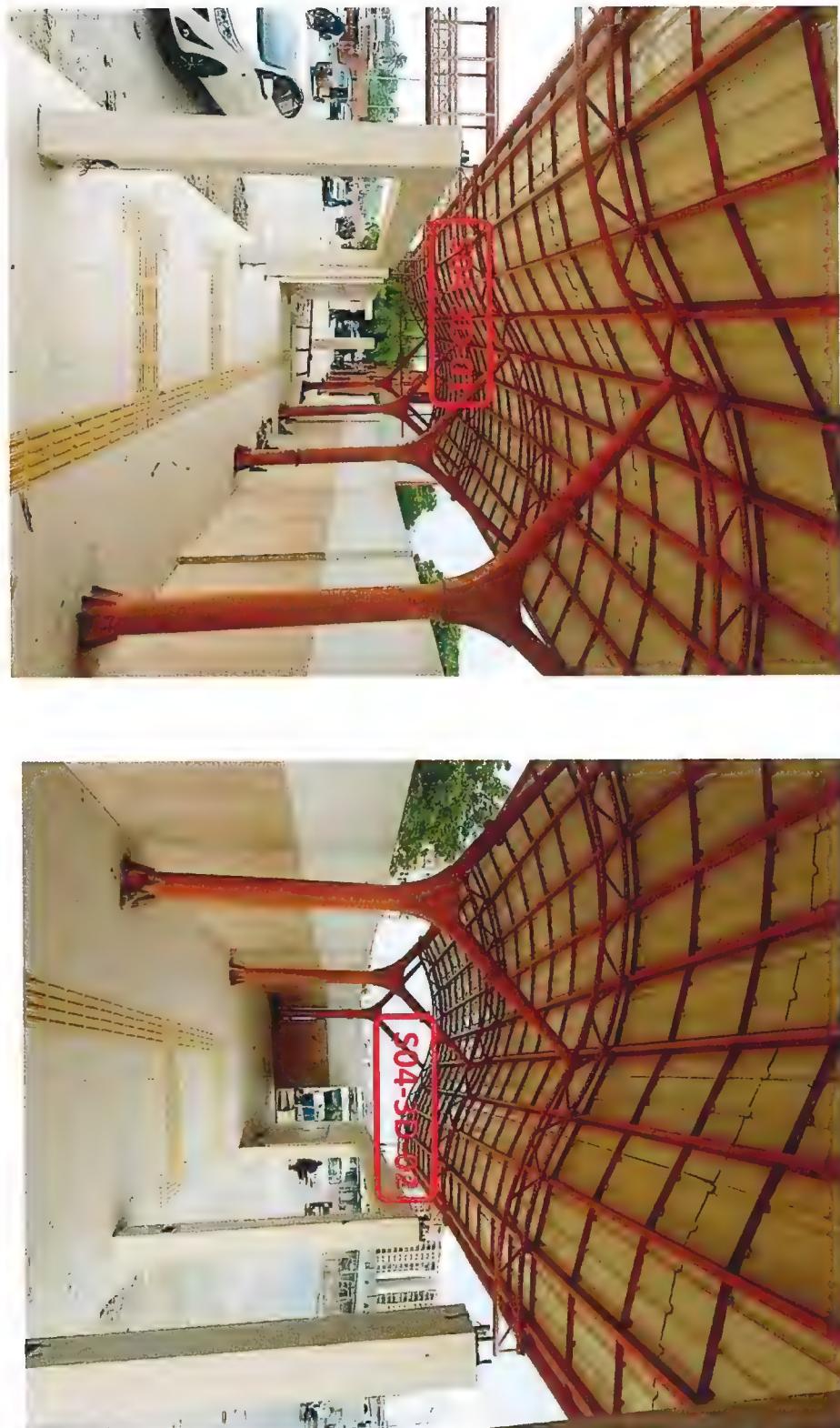
- **Station:** Civil work is in progress
- **Turnstile:** available points are not designed as per drawings provided by the DCC, changes has been suggested to the concerned team
- **RTPI:** S03-1S-01 RTPI will be installed at ticket counter. Ticket counter civil work need some modification
- **TVM:** placement location/room not ready

Station No. 04

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine

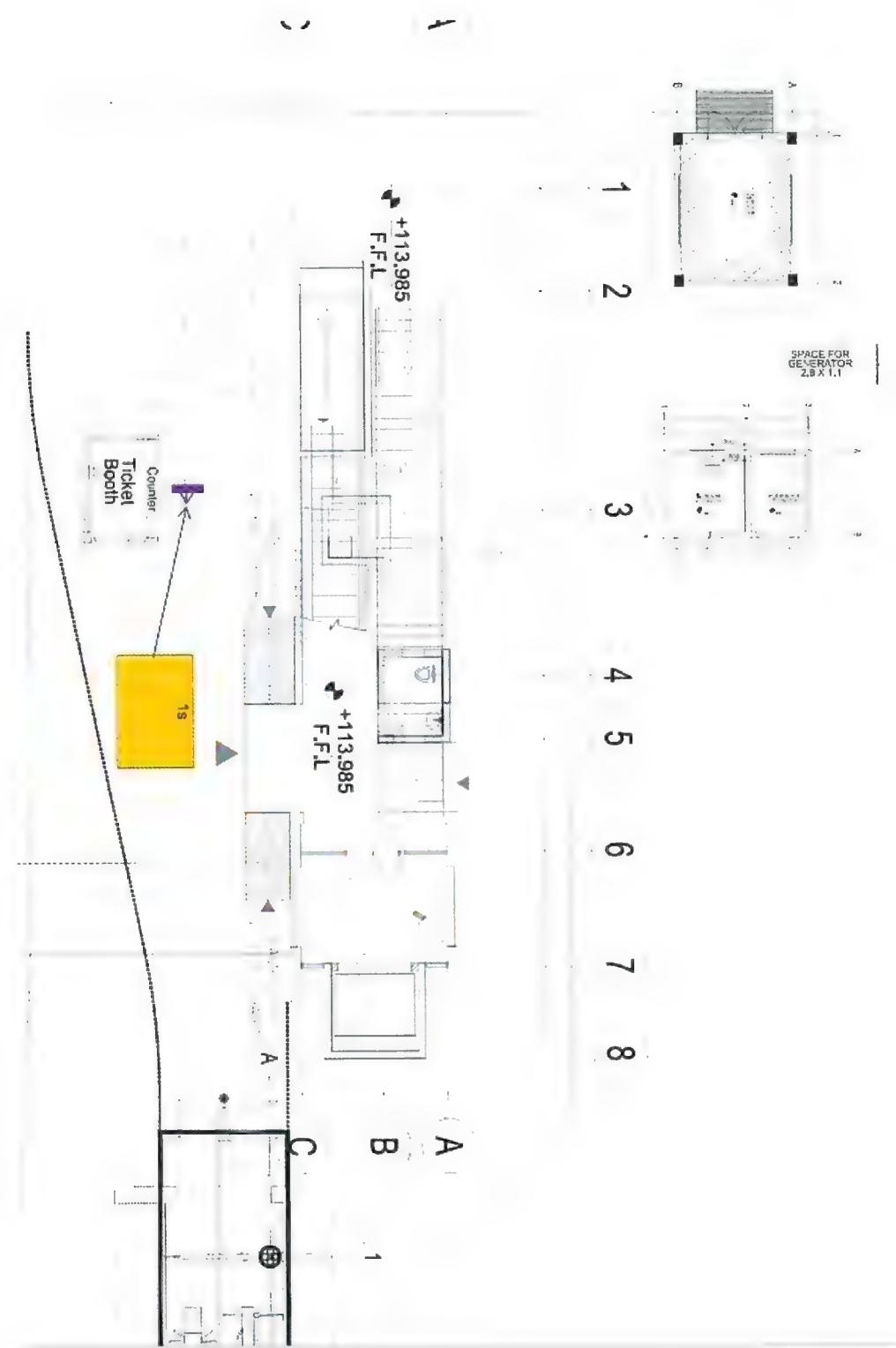
Station No. 04 RTPI Placement Location

Station



- At above points S04-3D-01 & 04, no power and data/ethernet cable available.

Station No. 04 RTP| Proposed Layout

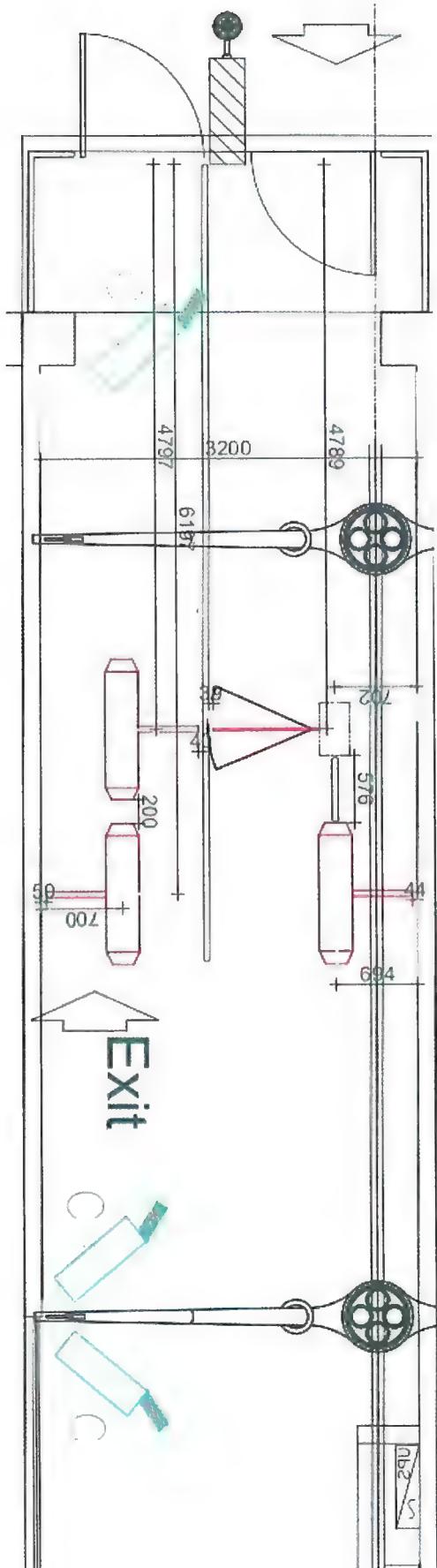


Station No. 04 RTPI placement at Ticket Office

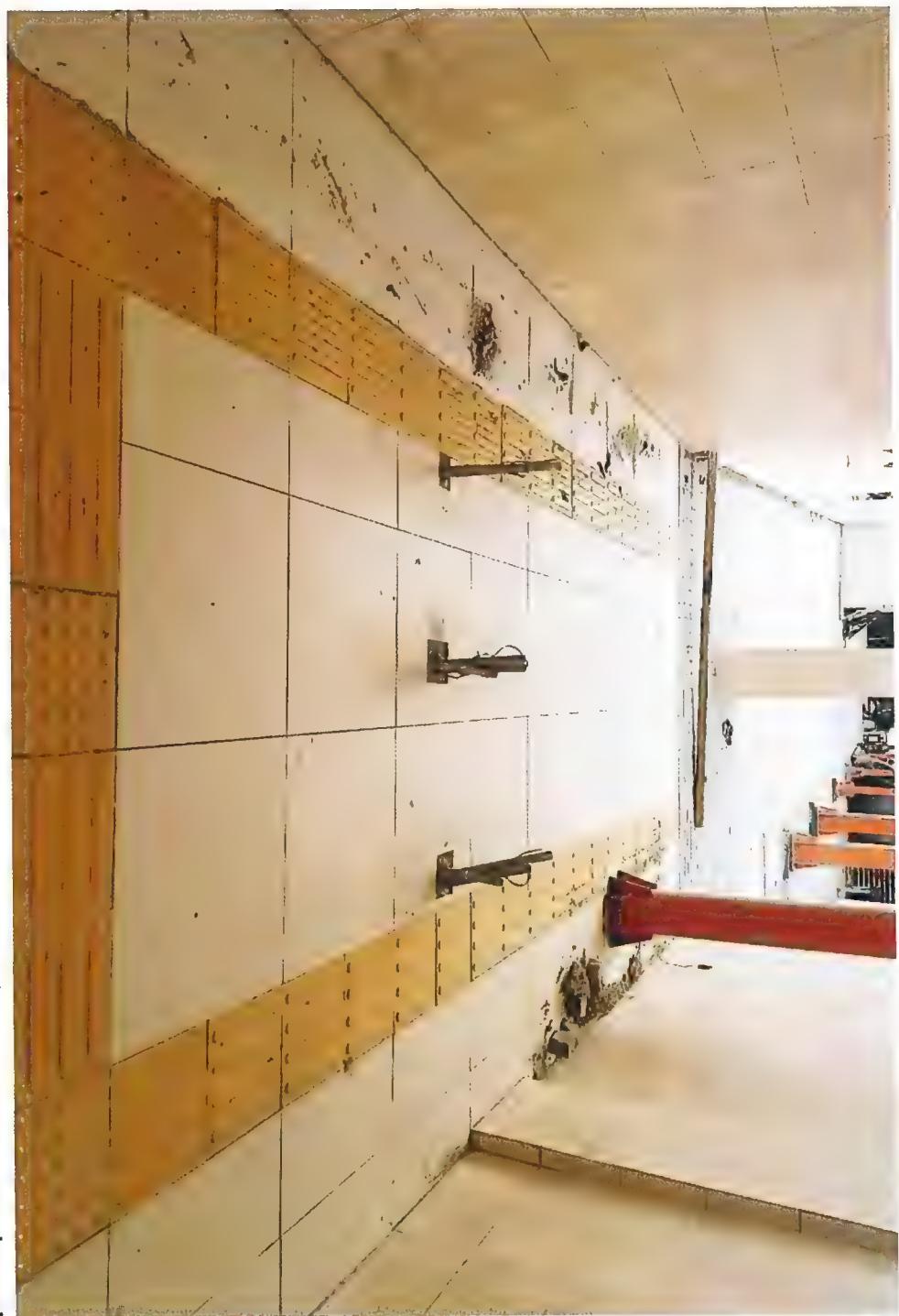


- S04-1S-01 RTPI will be installed at ticket counter. Ticket counter need some modification

Station No. 04 Turnstile Gate & Wide Gate Proposed layout



Station No. 04 Turnstile Gate & Wide Gate Placement Location

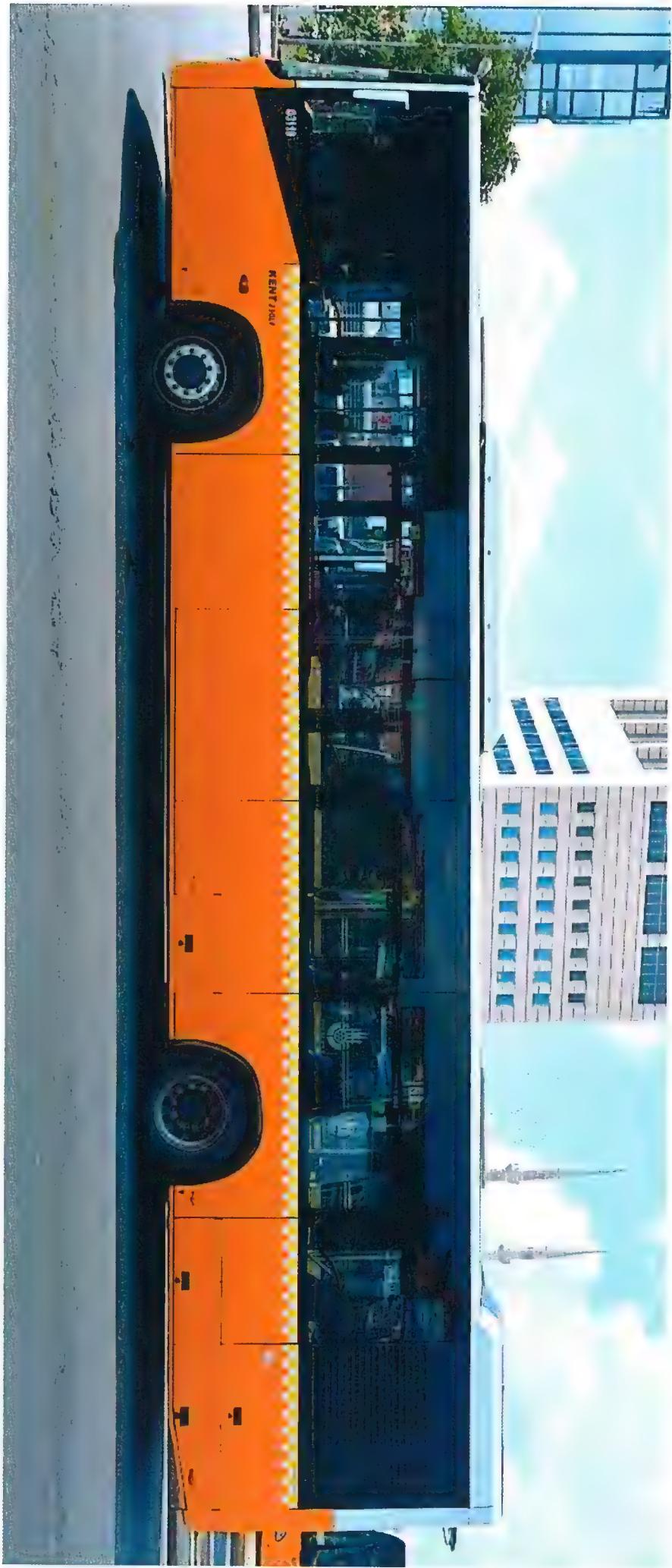


- Available turnstile placements points are not as per drawings, changes has been suggested to the concerned team also suggested to do not fix tiles/marble at these points

Station No. 04

- **Station:** Civil work is in progress
- **Turnstile:** available points are not designed as per drawings provided by the DCC, changes has been suggested to the concerned team
- **RTPI:** S04-1S-01 RTPI will be installed at ticket counter. Ticket counter civil work need some modification
- **TVM:** placement location/room not ready

Anex- 12

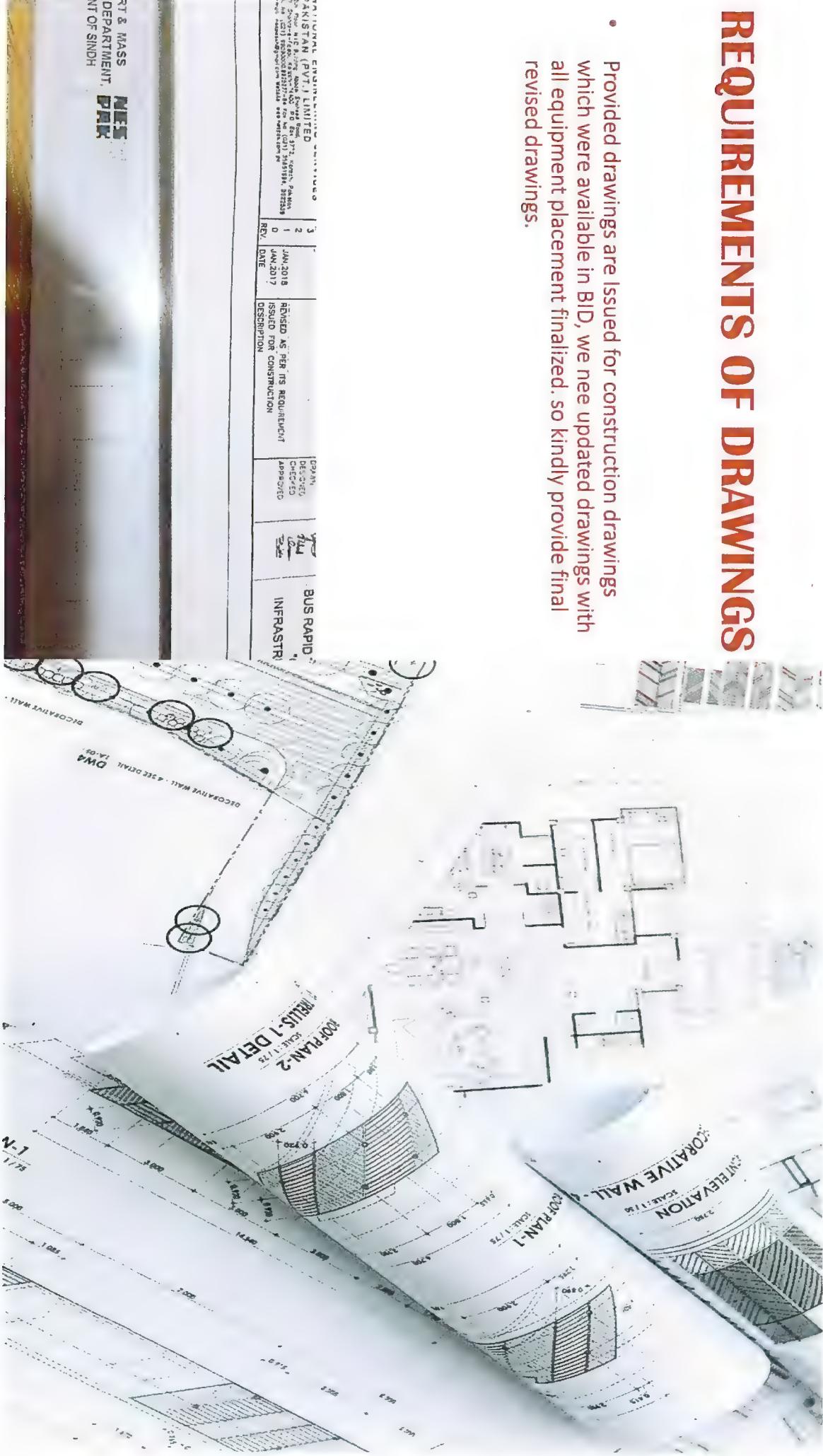


IITS ORANGE LINE SITE SURVEY REPORT

By: IITS Package B Contractor Dated: 03-09-2021

REQUIREMENTS OF DRAWINGS

- Provided drawings are issued for construction drawings which were available in BID, we need updated drawings with all equipment placement finalized. so kindly provide final revised drawings.



ORANGE LINE DEPOT

- Orange line depot is under construction as some conduits are blocked, manholes are blocked & uncovered.
- Connectivity of depot with stations are not provided.
- Conduits to connect depot with stations are not planned till date.



ORANGE LINE STATION

- Orange line Station # 3, is under construction.
- Some conduits are pulled but most of the conduits are blocked or needs to be cleaned.
- Connectivity from station to depot is not provided or planned yet.



• This is a required bolt, no bolt = your conduit is blocked.

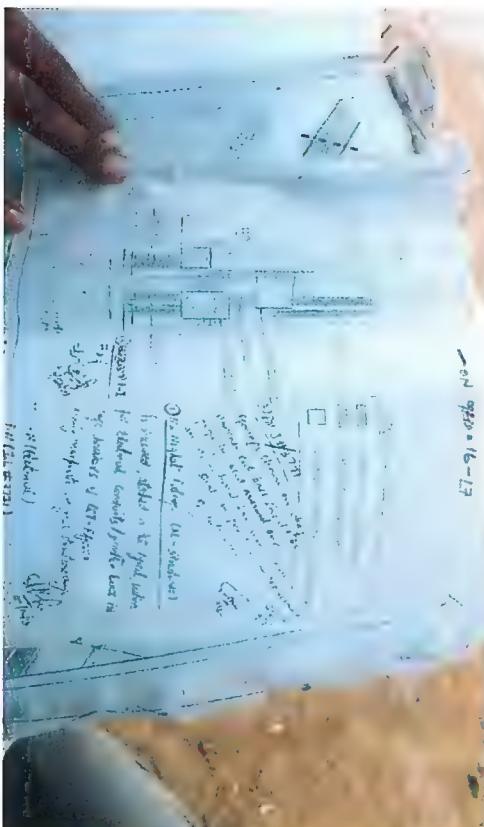
INSIDE STATION # 3

Quick view of Orange Line Station # 3



ORANGE LINE STATION

- Poles are mounted & 2X2 pull box is provided.
We need sufficient space for handroll and cable bending.
- Horizontal conduits are not pulled yet.

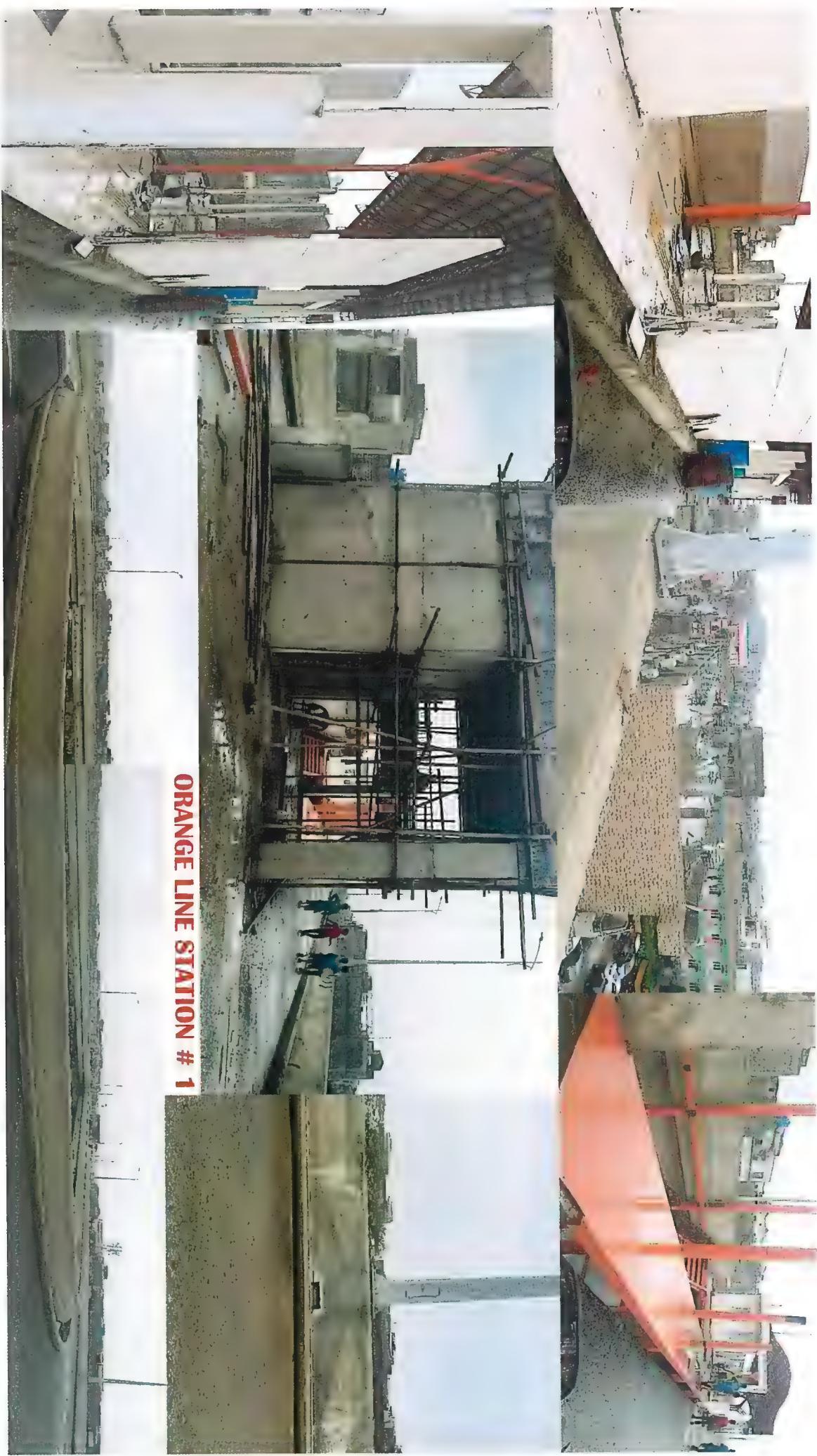






ORANGE LINE STATION # 2







Turnstile drawings

2 messages

ghufran khizar <ghufranmcs@gmail.com>

Wed, Aug 11, 2021 at 4:57 AM

To: "brtorangeline12@gmail.com" <brtorangeline12@gmail.com>, Faisal Karim Khan <engrfaisal2008@hotmail.com>, Rehan Zamin <rehanzamin@gmail.com>, Sohail Ahmed <skhan_98@yahoo.com>, sajid Ahmed ahmad <ahmadsajid1@gmail.com>

Dear Sir,

As you know SIDCL selected IITS contractor onboard for BRTs GL and BRTs OL, due to changes on stations turnstiles and wide gate size we are submitting modified stations drawings for approval, for that purpose station 2,3 and 4 some ceramic tiles will be dismantled to change turnstiles and wide gate placement.

I am sending you drawings with turnstiles and wide gate sizes.

Kind Regards,

M Ghufran Khizar

MCS, Network Security Administrator,

Microsoft Certified IT Professional (Enterprises Administrator)

Data Communication & Control (Pvt.) Ltd



Please consider the environment before you print this email

[Please Think Green. Every 3000 sheets of paper cost us a tree. Together we can help preserve the environment]

5 attachments

DCC-OL-BRT-STATION-1-002.pdf
121K

DCC-OL-BRT-STATION-1-001.pdf
121K

DCC-OL-BRT-STATION-4-002.pdf
247K

DCC-OL-BRT-STATION-4-001.pdf
371K

VP125_TEKNIK_RESIM_TECHNICAL_DRAWING.pdf
115K

Faisal Karim Khan <engrfaisal2008@hotmail.com>

Wed, Aug 11, 2021 at 11:23 AM

To: ghufran khizar <ghufranmcs@gmail.com>

Cc: Noman Ahmad <noman_101@hotmail.com>, Ahsan Rafay Electrical Engineer <a.rafae@hotmail.com>, Yahoo

<rizzid786@gmail.com>, "brtorangeline12@gmail.com" <brtorangeline12@gmail.com>, Rehan Zamin

<rehanzamin@gmail.com>, Sohail Ahmed <skhan_98@yahoo.com>, sajid Ahmed ahmad <ahmadsajid1@gmail.com>,

Muhammad Kashif <kashinedian30@yahoo.com>

Dear Ghufran,

After review of the revised drawings received via trailing email, we understand that the quantity of the turnstile installed in Station 01, 02 & 03 have been reduced from previously proposed 07 nos. to 06 nos. whereas for Station-04, the quantity of turnstiles remains the same, i.e., 03 nos. Kindly confirm the same.

However, it has been noted that position of turnstiles shown on the revised drawings are different from the original construction drawings which were prepared after due coordination. Moreover, it was also noted during site visit dated 04 August, 2021 that the power & data points / conduits have been already executed at site as per our construction drawings. In view of this, representative from ITS Consultant may kindly be requested to visit the project site and accordingly coordinate with Project Engineer (Mr. Rizwan Yusuf) and Engineer's Representative (Mr. Iqbal Raza) regarding repositioning / rerouting of already executed conduits / points up to revised locations which have been shown in the revised ITS drawings.

- This is for your record and further necessary action.

Regards,

Faisal Karim Khan

Senior Engineer (Roads, Bridges & Highways)

NESPAK, Karachi

Tel No: +92-21-99090622

Cell No: +92-310-2631029

From: ghufran khizar <ghufranmcs@gmail.com>

Sent: Wednesday, August 11, 2021 4:57 AM

To: brtorangeline12@gmail.com <brtorangeline12@gmail.com>; Faisal Karim Khan

<gengrfaisal2008@hotmail.com>; Rehan Zamin <rehanzamin@gmail.com>; Sohail Ahmed

<skhan_98@yahoo.com>; sajid Ahmed abinad <sajid.abinad111@gmail.com>

Subject: Turnstile drawings

[Quoted text hidden]



GM Operations,

Letter No. 001

SIDCL,

Dated: 23/11/2021

Karachi, Sindh

Subject: Observations Regarding Orange Line Depot

As per your instructions, following our visit to Orange Line Bus Depot, observations were made regarding the deficiencies. Please note that currently, the grey structure has not been completed yet and the following observations might be viable to change after the completion of grey Structure.

1. Operation & Admin Block

The grey structure for the operations and admin block building is ready and completed. Finishing has not yet been done and no electrical equipment has been installed.

2. Workshop (Washing and Working Pit Areas)

- The floor area is not leveled properly.
- Pit turning radius; the available turning angle is quite sharp for the 12m bus.
- Pit alignment is not straight and not proper as the buses need to be reversed in order to remove them from the pit area
- All Manholes need to be covered. The manhole present near the washing area is elevated and would cause hindrance
- Pit stairs are not straight and are rough in structure
- Pit collar or edges are uneven and rough in structure
- No shed is available neither on workshop area nor washing area
- There is a problem regarding space availability, the 12m bus would need to be reversed in order to remove it from the pit
- Fire extinguishers and a light pole are present in middle of the maintenance area causing hindrance
- Maintenance area building is not present hence storage area for parts, tire shop, denting and painting areas are absent.
- The pits of both washing and working areas are not deep enough in width and depth and need to be addressed.

3. Fueling Area

No work has been done regarding Fuel station. Only space is available, not even fuel tank is present. As per the surveyor, the fuel station would be constructed by some other contractor.

4. Power House

There is no power house or area to store the power backup generators. Other than that, it is not clear whether the electrical wiring is 1 ph, 3 phase.

5. Sewage System

The sewage system is not ready yet, so no comments can be given at this stage.

Mr. Ahsan Alam
Project Head - VOC (Daewoo)
23/11/2021



Fwd: BRT (OL): Package-3 Soft Copy

Muhammad Yousuf Munir <director.infra.smta@gmail.com>
To: BRT Orangeline <brtorangeline12@gmail.com>

Sat, Oct 8, 2022 at 9:28 PM

----- Forwarded message -----

From: Rehan Zamin <rehanzamin@gmail.com>
Date: Thu, Aug 26, 2021, 12:57 PM
Subject: BRT (OL): Package-3 Soft Copy
To: Yazim Shah <shahyazim.smta@gmail.com>
Cc: Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Kashif Ali Khan <projectengineer.brt.ol@gmail.com>

Dear Yazim,

Attached please find signed and stamped soft copy of PSD / Generator tender for uploading on SPPRA and making copies.

<https://we.tl/t-374yclSyxB>

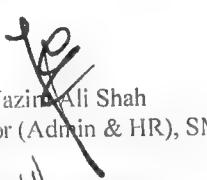
Regards

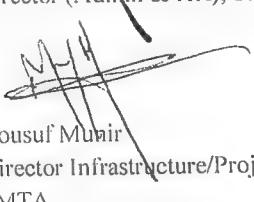
Rehan

Bid Evaluation Report

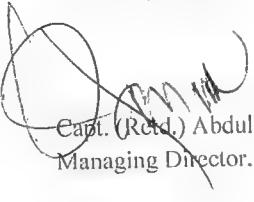
1. Name of Procuring Agency: Sindh Mass Transit Authority ,Transport and Mass Transit Department, Government of Sindh
2. Tender Reference No: INF-KRY No. 3351/21
3. Tender Description/Name of work/item: Construction of Civil Works under Package-IV ,Orange Bus Rapid Trnsit System (BRTs)
4. Method of Procurement: Single Stage Two Envelope Procedure
5. Tender Published: On 26th,27th,28th August 2021 in Dawn,Kawish and Jang newspaper respectively vide INF-KRY No. 3351/21 and hosted on SPPRA (PPMS) on 1st September, 2021 vide NIT No (T00920-21-0001)
6. Total Bid documents Sold; (05) Five
7. Total Bids Received: (04) Four
8. Technical Bid Opening date: 20th September,2021
9. No. of Bid technically qualified 02 (Two)
10. Bid(s) Rejected: (02) two at technical stage
11. Financial Bid Opening date: 3rd November, 2021

Sr. No.	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost <u>(750854)</u>	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Taj Construction Company.	63,260,460/= (63.260 Million)	1 st Lowest	Bid is 15.75 below than estimated cost	Most advantageous bid	Accepted
	M/s Muhammad Ramzan & Co.	91,064,196/= (91.064 Million) Corrected cost after evaluation 91,913,508	2 nd Lowest	Bid cost is 22.41% above than estimated cost	-----	2 nd Lowest
2.	M/s Value Engineering Services.	-----	---	---	Could not meet the requirements of tender documents	Rejected at technical stage
3.	A.U Engineering & Construction (Pvt.),Ltd.	-----	---	---	Could not meet the requirements of tender documents	Rejected at technical stage


Syed Yazir Ali Shah
Director (Admin & HR), SMTA


Yousaf Munir
Director Infrastructure/Projects
SMTA


Rafay Ali Lghari
Director (Finance and Accounts),SMTA

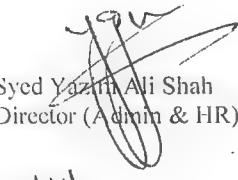

Capt. (Rtd.) Abdul Sattar Isani (PAS)
Managing Director, SMTA,TMTD


Niaz Ali
Transport Planning &Operation Specialist

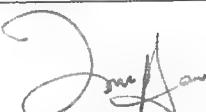
Bid Evaluation Report

1. Name of Procuring Agency: Sindh Mass Transit Authority ,Transport and Mass Transit Department, Government of Sindh
2. Tender Reference No: INF-KRY No. 3351/21
3. Tender Description/Name of work/item: Supply and Installation of Platform Screen Doors and Diesel Generator Set at Bus Depot under Package-IV ,Orange Bus Rapid Transit System (BRTs)
4. Method of Procurement: Single Stage Two Envelope Procedure
5. Tender Published: On 26th,27th,28th August 2021 in Dawn,Kawish and Jang newspaper respectively vide INF-KRY No. 3351/21 and hosted on SPPRA (PPMS) on 1st September, 2021 vide NIT No (T00920-21-0001)
6. Total Bid documents Sold; (08) Eight
7. Total Bids Received: (03) Three
8. Technical Bid Opening date: 20th September,2021
9. No. of Bid technically qualified 01 (One)
10. Bid(s) Rejected: (02) two at technical stage
11. Financial Bid Opening date: 1st December, 2021

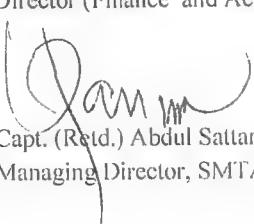
Sr. No.	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost i.e. (141,215,142.22)	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Muhammad Ramzan & Co.	165,877,700.70/= (165.8777 Million)	1 st Lowest	Bid is 17.46% high than estimated cost	Most advantageous bid	Accepted
2	M/s Value Engineering Services.	----	---	----	Could not meet the requirements of tender documents	Rejected/Disqualified at technical stage
3.	A.U Engineering & Construction (Pvt.),Ltd.	----	---	----	Could not meet the requirements of tender documents	Rejected/Disqualified at technical stage


Syed Yazim Ali Shah
Director (Admin & HR), SMTA


Rafay Ali Lghari
Director (Finance and Accounts),SMTA


Niaz Ali
Transport Planning & Operation Specialist


Yousuf Munir
Director Infrastructure/Projects
SMTA


Capt. (Retd.) Abdul Sattar Isani (PAS)
Managing Director, SMTA.TMTD



BRT Orange Line Package-IV (Civil Works): Technical Bid Evaluation Report

Rehan Zamin <rehanzamin@gmail.com>

Mon, Oct 25, 2021 at 12:56 PM

To: Yazim Shah <shahyazim.smta@gmail.com>

Cc: "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, NESPAK - Faisal Karim <engrfaisal2008@hotmail.com>

Dear Yazim,

Attached please find the Technical Bid Evaluation Report.

Regards

Rehan

2 attachments

TBER P-IV 22-10-21.pdf
16106K

2379 - OL - Technical Evaluation Report (P-IV).pdf
547K

NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED

13th Floor, NICL Building, Abbasi Shaheed Road, Off Shahrah-e-Faisal, Karachi - 74400, Pakistan.



3771/50P/RZ/01/2379

October 25, 2021

Project Director

Project Management Unit (PMU)
Bus Rapid Transit (BRT), Orange Line
House D-43, Shahra-e-Ghalib
Block-2, Clifton
Karachi

BUS RAPID TRANSIT SYSTEM (BRTS) "ORANGE LINE" CIVIL WORKS (PACKAGE-IV)

- Technical Bid Evaluation Report

Dear Sir,

This is with reference to the bid opening of the subject project held on September 20, 2021 in SMTA office attended by the Procurement Committee, Consultants and representative of bidders, for the subject project.

Subsequently, we received the technical bids for evaluation of the tender documents from your goodself. Clarifications were called in from the bidders regarding the mandatory requirements which were submitted by the Employer for further review.

Enclosed please find the technical bid evaluation report for your further necessary action.

Thanking you and assuring you our best professional services at all times.

Sincerely,
for National Engineering Services Pakistan (Pvt.) Limited

A handwritten signature in black ink.

Rehan Zamin
Project Manager

Encl. As Above.

Cc. - MD SMTA, Karachi
- GM / Head, NESPAK, Karachi



Daily Dawn
SINDH MASS TRANSIT AUTHORITY
26-8-2021 TRANSPORT & MASS TRANSIT DEPARTMENT

NOTICE INVITING TENDER

The Sindh Mass Transit Authority (SMTA) Government of Sindh invites sealed bids from interested Supplier / Constructor / Manufacturer for the GOODS mentioned at S.No. 1 and interested Constructor(s) / Firm(s) for the WORKS mentioned at S.No. 2 in compliance with the Sindh Public Procurement Rules 2010 (amended 2019) (SPPRA) under Single Stage-Two Envelope Procedure. The Bidder shall be registered in Federal Board Of Revenue (FBR) as an active taxpayer and shall have registration with Sindh Revenue Board (SRB). Financial bids of only Technically qualified Bidders shall be opened while that of technically disqualified bidders shall be returned unopened. The date and time of opening of financial bids shall be communicated later. The details of Pakistan Engineering Council (PEC) category /specialization code and other details are as follows:

S#	Title of work	PEC Category	Bid Security	Deadline for submission of bids	Technical Bid opening date and time	Tender Fee (non-refundable)
1.	Supply and Installation of Platform Screen Doors At BRT Bus Stations (1 to 4) and Diesel Generator Set at Bus Depot under Package-III, Orange Bus Rapid Transit System (BRTs)	C4 or above and at least specialization code ME07(X) (auto door & gates) and EE11	03 Million (PKR 3,000,000)	20-09-2021 by 02:00 pm.	20-09-2021 at 03:00 pm.	PKR 5000/=
2	Construction of civil works under Package-IV, Orange Bus Rapid Transit System (BRTs).	C4 or above and at least specialization code. CE-10	1.5 Million (PKR 1,500,000)			PKR 5000/-

1. The tender documents may be purchased from the following address on submission of a written application from **30-08-2021** to **17-09-2021**. The same document may be downloaded from <https://ppms.ppr.sindh.gov.pk>, however only those bids will be considered that are in compliance with "Instructions to Bidders" as mentioned in the bidding documents.

2. The detailed scope of work includes, but not limited to the following for S. No. 1.

- Detailed engineering design, manufacturing, supply, installation, testing & commissioning of Platform Screen Doors (PSD) for four bus stations of Orange BRT, Karachi.
- Supply, Installation, Testing & Commissioning of Diesel Generator Set at Bus Depot of Orange BRT, Karachi.
- The detail scope of work includes, but not limited to the following for S.No. 2
- Construction of Underground Fuel Storage Tank.
- Construction of Bus Wash Water Treatment & Recycling Plant.
- Construction of Steel Shed over washing pit
- Conduiting and cabling for Intelligent Transport System (ITS) Works.

Address for submission of bids:

Deputy Director Contract/Procurement [Sindh Mass Transit Authority, Transport & Mass Transit Department, Government Of Sindh D-43/1, Block -2, Scheme-5, Kehkashan, Clifton Karachi.

Email: Projectengineer.brt.o1@gmail.com

Phone : 021-99332208

INF-KRY No. 3351/21 Say No to Corruption



NO.SMTA/BRT-OL3/2022/L-665
GOVERNMENT OF SINDH
TRANSPORT & MASS TRANSIT DEPARTMENT
SINDH MASS TRANSIT AUTHORITY
Karachi Dated 27-01-2022

M/s Mohammad Ramzan & Co.
Office No ,202, Park Avenue,
P.E.C.H.S, Block-6,
Shahra-e-Faisal
Karachi.

WORK ORDER

**SUBJECT: TENDER FOR SUPPLY AND INSTALLATION OF PLAT-FORM SCREEN DOORS
AT BRT BUS STATIONS (1 to 4) AND DIESEL GENERATOR SET AT BUS DEPOT
UNDER PACKAGE-III ORANGE LINE BUS RAPID TRANSIT SYSTEM (BRT's)**

In continuation of this office Acceptance letter No. SMTA/OL-LT/2021/L-589 dated 28th December, 2021 for subject mentioned work, the Contract Agreement have been signed with your firm and PMU, BRT-OL, SMTA, TMTD, GoS, you are therefore directed to make arrangements for starting the work immediately and in this connections you are directed to contract to M/s. NESPAK (Pvt.) Ltd. with following:-

1. Please furnish Schedule of work to be carried out at site along with procurement plan of material detail so that the progress of work be monitored according to the schedule program please note as per Contract Agreement, work must be complete within four (04) calendar months days from the date of start of work to proceed in accordance with the Contract Agreement. The consultant M/s. NESPAK (Pvt.) Ltd is the supervision consultant.
2. The progress report be submitted along with the photographs and support evidence and document periodically as desired by the Consultant to evaluate the progress of work.
3. Before starting every stage of work proper approval be obtained on the format of approval and as per procedure in the Contract Agreement, terms and condition of Contract and specification of work from the Consultant M/s. NESPAK or representative of the Consultant.
4. To ensure the public & worker Safety , proper Diversion work, Safety devices and public information boards be installed at the construction area along with lighting arrangement as per the diversion plan approved by the Consultant M/s. NESPAK (Pvt.) Ltd.
5. Please start the work at site strictly in accordance with the terms and Conditions of the Contract and complete all the requirements as per condition of the Contract immediately. Please note if any requirement & terms & conditions is violated, action will be initiated against the firm in accordance with terms and conditions of contract.



PROJECT DIRECTOR
ORANGE LINE

Copy to:

1. Director Infrastructure & Planning, SMTA
2. Project Manager, BRT Orange Line , M/S NESPAK
3. The PS to the Secretary, Transport and Mass Transit Department, GoS
4. The PS to Managing Director, SMTA ,GoS
5. Master File

Orange Line BRTS

INFRASTRUCTURE RELATED REPORT TO GOVT. OF SINDH

22.Feb.2022

SIDCL

Table of Contents

0. Bus Operator:	2
0.1. ORANGE LINE DEPOT OBSERVATIONS.....	2
0.2. ORANGE LINE CORRIDOR OBSERVATIONS.....	4
1. ITS Consultants:	5
1.1. Project Status Summary.....	5
1.2. Survey of Orange Line.....	5
1.3. Status of Orange Line Bus Depot.....	5
1.4. Status of Orange Line Corridor.....	6
1.5. Status of Orange Line Stations	7
1.6. General Remarks	8
2. ITS Package A (Contractor Observations)	9
3. ITS Package B (Contractor Observations)	28
3.1. Fiber Cabling.....	31
4. FACILITY MANAGEMENT	43
4.1. SECURITY	43
4.2. MAINTENANCE/AFC.....	44

0. Bus Operator:

0.1. ORANGE LINE DEPOT OBSERVATIONS

S.no.	Concerned Department	Observations	Remarks
1	Operation & Admin Block	The grey structure for the operations and admin block building is ready and completed. Finishing has not yet been done and no electrical equipment has been installed.	The admin building is ready and just finishing is required.
		Bus Parking Bays should be marked with numbers and as per bus dimensions	For the buses
		Fresh water (RO) treatment plant	It is not present 
		Residence with rooms for drivers is required	Only rest area is present 
		Speed breakers with cat Eyes heavy duty on road in front of depot	To slow the traffic flow in front of the depot
2	Depot	Dedicated Gas, Electricity & Water Supply is required	
		Security towers on all four corners	For security purpose
		Sockets of 3 phase should be available in washing and workshop area	For necessary works
		Some Lights are missing in parking area	More Light poles need to be installed 
		Boundary Wall height is low and boundary fence is not available	For security 
		Parking area for private cars is not available	For Visitors and Staff 
3	Fueling Area	No work has been done regarding Fuel station. Only space is available, not even fuel tank is present. As per the surveyor, the fuel station would be constructed by some other contractor	As per Contractor, the work would be started soon and would be completed within 2 months. The tank should be underground and properly covered. 
		There should be a shed for fueling area and lights should be installed on it	For proper operations 
		Fuel tank designing	Need to be discussed 

4	Power House	There is no power house or area to store the power backup generators. Other than that, it is not clear whether the electrical wiring is 3 phase or not	Power room has been made. Further (separate) discussion is required regarding installation of generators and other electrical equipment	
5	Sewerage System	The sewerage system is not ready yet, so no comments can be given at this stage.	The work is still in progress	
6	Workshop (Washing & Working Pit Areas)	The working pit floor area is not leveled properly	It has been leveled properly now	
		Pit turning radius; the available turning angle is quite sharp for the 12m bus	It is still sharp and needs to be shifted from front side 3 meters ahead	
		Pit alignment is not straight and not proper as the buses need to be reversed in order to remove them from the pit area	Pit alignment has been rectified partially.	
		All Manholes need to be covered. The manhole present near the washing area is elevated and would cause hindrance	Workshop Manholes are covered now. Washing area manhole needs to be covered and needs sloping.	
		Pit stairs are not straight and are rough in structure	This has been rectified and better now.	
		Pit collar or edges are uneven. These can cause damage to the buses.	Pit collar finishing is still pending. "Cat eyes" should be installed.	
		No shed is available neither on workshop area nor washing area	Shed with lights should be installed on workshop & washing area.	
		Fire hydrants and a light pole are present in middle of the maintenance area causing hindrance	Still present and has been discussed in detail.	
		Maintenance area building is not present hence tyre shop, denting and painting areas are absent.	Still not present.	
		The pits of both washing and workshop areas are uneven in width and depth and need to be addressed	These are better now.	
Pits		Lights and single phase sockets should be installed in the pits		
Spare parts room door issue		Height & Width of door is less. It should be 10x10.		

0.2. ORANGE LINE CORRIDOR OBSERVATIONS

S.no	Concerned Department	Item	Observations	Remarks
1	Track / Corridor	Pot Holes	Inappropriate	Pot holes are needed to be covered
		Finishing	Inappropriate	Finishing work is required to be done. Cleanliness is still an issue.
		Trespassing	Inappropriate	Trespassing is a major issue along the length of at-grade section of the corridor especially at Orangi 5 no near model park, height of the fence should be 2.5 meters. 
		U-Turn	Inappropriate	U-Turn from station no 4 back onto the track needs Civil Work repairs for pavement and drainage.
		Mix Traffic	-	Around 1.5 kilometer of the track is with the mix traffic and 350 meter of mix traffic at the approach of station no 4 as it is on the shoulder.
		Tress barriers	Inappropriate	Tress barriers are needed to be installed to control flow of emerging traffic and pedestrian trespassing at Orangi 5 no near model park and near station no 4 
2	Station	Kassel Kerb/ Rubber	Not Found	 Kassel Kerbs Should be installed on priority basis.
		PSD	Not Found	PSD Doors are needed to be installed and should be installed after the arrival of busses
		Sensors	Not Found	Docking Sensors are needed to be installed
		Docking Signals	Not Found	 Docking Signals are needed to be installed
		Bus Overtaking at Station	Not Possible	Overtaking is not possible at any station because of the narrowness of the Corridor. The lane width of corridor at the station is 3.5 meters which doesn't allow anything to pass through when a bus is docked.
		Docking Pads	Not Found	 Docking Pads are needed to be installed
		Reflectors of Docking Pads	Not Found	 Reflectors are needed to be installed
		Station level from the pavement	Inappropriate	The height of the station is 1'ft from the ground level it should be according to the bus specifications.
		Height	Inappropriate	Station Clear Height is 12 ft. which is only 6" inches above the rooftop of the bus. It should be adjusted according to the bus specifications

1. ITS Consultants:

1.1. Project Status Summary

1.2. Survey of Orange Line

The construction of Orange Line project is in advanced stage and it is envisaged that the Intelligent Transport System installation work should be started. In this regard a joint survey was conducted by the Orange Line Project Team SIDCL team, NESPAK and IITS Consultant Team on February 09, 2022. The purpose of visit was to assess the status of readiness of Orange Line Infrastructure for start of installation work for IITS. This report summarizes the observations of the survey and the recommendations and requirements with regards to civil works necessary for installation of IITS.

1.3. Status of Orange Line Bus Depot

The following table summarizes the requirements of civil works for IITS installation and the status of each requirement for Orange Line Bus Depot.

S No.	Description	Status	Recommendation / Comment
1.	Conduits for Fiber Optic from OL corridor to IT room in Bus Depot	OK	To be checked by IITS Contractor for cable laying
2.	Conduits for fiber optic cable to camera points in bus parking area		90-degree bend in pole conduit. To be verified by IITS Contractor if it is suitable.
3.	Conduits for Ethernet Cables for camera points	OK	
4.	Conduits for Ethernet cables IP phones	OK	
5.	Electrical supply points in data room	OK	
6.	Air-condition in Data Room 	Not Installed	Qtyx2, 2-tonne capacity ACs needed for Data Room
7.	UPS Power distribution in Data Room 	Not Installed	5 kVA UPS is in the IITS Package B BoQ. Electrical power distribution and cabling to be ensured.
8.	Electrical Earth (Ground) to be ensured at all electrical distribution points.	To be checked	
9.	Watch towers were removed in the Bus Parking area. But camera points are there. Poles or some other arrangement required for camera installation.	Not present	

10.	Insulation(Megger) testing of all electrical cables for ITS equipment must be conducted and a report must be present in this regard.			
-----	--	---	--	--

1.4. Status of Orange Line Corridor

The following table summarizes the requirements of civil works for IITS installation and the status of each requirement for Orange Line BRTS Corridor.

S No.	Description	Status	Recommendation / Comment
1.	Conduits for Fiber Optic cable for integration with Green Line	Not installed	
2.	Conduits for fiber optic cable at Bacha Khan Bridge	Not installed	
3.	Conduits at road crossing at Bacha Khan Bridge both ends	Not present	
4.	Conduits fiber optic cable for camera in poles on corridor	OK	90-degree bend in pole conduit. To be verified if it is suitable.
5.	Conduits for fiber optic cable station 1 to depot	Not OK	Need cleaning
6.	Conduits for Signal Priority System at Pone Paanch Chowrangi.	Not OK	
7.	Cameras at Bacha Khan Bridge		This is a new requirement and these cameras are not in the Contract BoQ. Infrastructure for cable and camera installation to be ensured.

1.5. Status of Orange Line Stations

The following table summarizes the requirements of civil works for IITS installation and the status of each requirement for Orange Line Bus Stations.

S No.	Description	Status	Recommendation / Comment
1.	GI conduits for Ethernet cable for camera, RTPI and PA system	Not installed	
2.	Electrical power cable for RTPI and Turnstile with 3m extra cable	Not installed	Power for RTPI and turnstile to be ensured from UPS. Separate circuit for RTPI and turnstile. Also, not all turnstile should be powered from same circuit.
3.	Air conditioning in IT room	Not present	Qtyx2 1.5 tone AC required for IT room in each station. Qtyx1 1.5 tone capacity AC is included in ITS BoQ.
4.	Air conditioning in ticket booth		
5.	Conduits fiber optic cable for camera in poles on corridor	OK	90-degree bend in pole conduit. To be verified if it is suitable.
6.	Conduits for fiber optic cable station 1 to depot	Not OK	Need cleaning
7.	Electrical cable for UPS power from UPS DB to IT room		
8.	Booth for TVM installation along with 55-inch LCD Screen		
9.	Power for walk-through gate.		At left side of entrance gates.
10.	Conduit required for relocation of entrance gate camera		
11.	The network switches in 9U rack in station to be powered from UPS.		
12.	Electrical Earth (Ground) to be ensured at all electrical distribution points.	To be checked	
13.	All conduits for ethernet cable and fiber cables for ITS equipment inside the station must be clear for cable laying.		
14.	Insulation (Megger) testing of all electrical cables for ITS equipment must be conducted and a report must be present in this regard.		

1.6. General Remarks

At initial stage Qtyx6 Stations were planned for Orange Line. These were later changed to Qtyx4 stations.

Other Requirement for Stations:

1. Map Stickers
2. Height Policy (Scale) acrylic with sticker (fixing at ticket area)
3. Station Sign boards
4. PSD Doors with stickers
5. Docking Rubber at stations

2. ITS Package A (Contractor Observations)

RTPI Displays

Types:

Lowest Height ~4W:1H Dimensions, 30-40 characters per row, preferable matrix

3s – LED/LCD, capable to show min 3 lines of text,

3d – LED/LCD, capable showing min 3 lines of text, double sided

Medium Height ~4W:2H, 30-40 characters per row, preferable matrix

5s – LED/LCD, capable showing min 5 lines of text

5d – LED/LCD, capable showing min 5 lines of text, double sided

Infotainment and Overview, 70-100 characters per row (free matrix/dynamic):

1 – TFT > 55", double sided by mounting two back to back (> 10 lines)

Preface

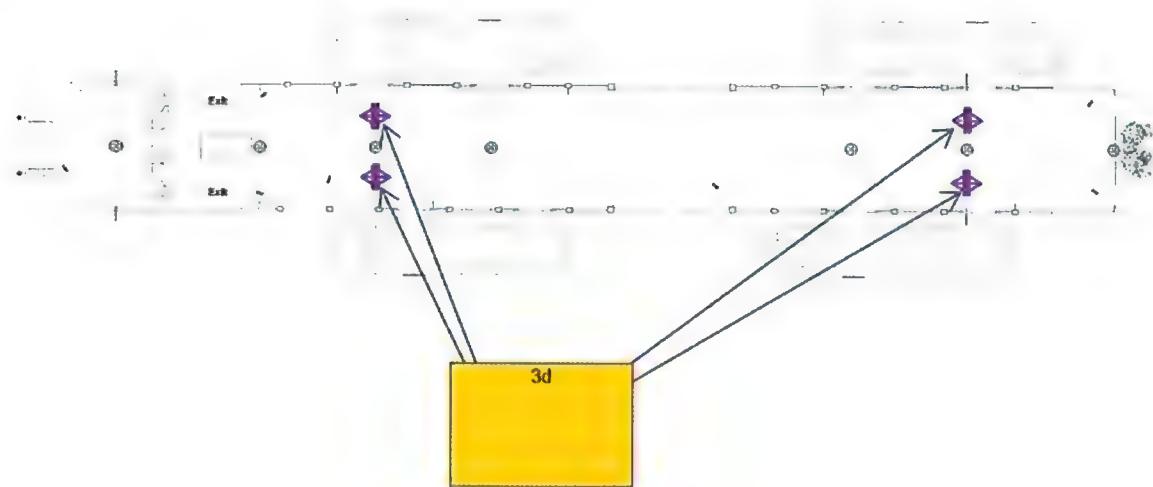
- Images Label = Station No – Device Type/Name – Device No.
e.g. **S01-3D-01** (station No. 1 – 3D RTPI – No. 01)
- RTPI = Real Time Passenger Information
- TVM = Ticket Vending Machine
- TOM = Ticket Office Machine
- WG = Wide Gate

Station No. 01

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine (TVM)
4. Ticket Office Machine(TOM)

Station No. 01 RTPI Proposed Layout

Station



Station No. 01 RTPI Placement Location

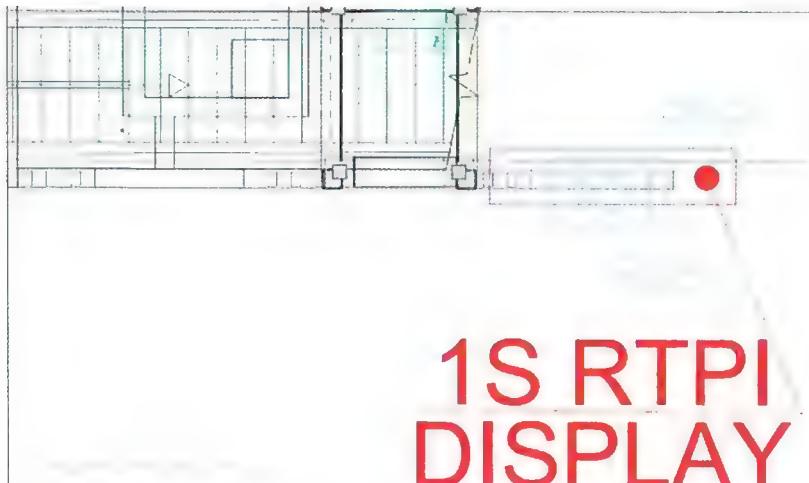
Station



- At above points S01-3D-01,02,03 & 04, no power and data/ethernet cables available and marking required at exact location for RTPIs hanging.

8

Station No. 01 RTPI Proposed Layout



Station No. 01 RTPI placement at Ticket Office



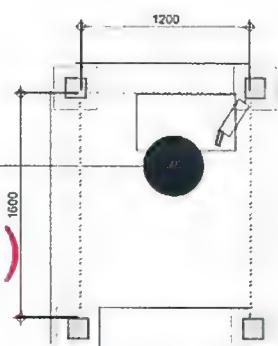
S01-1S-01 proposed location

S01-1S-01 dimensions

- S01-1S-01 RTPI will be installed at TVM booth's (which is not ready) side wall

Station No. 01 TVM Proposed Layout

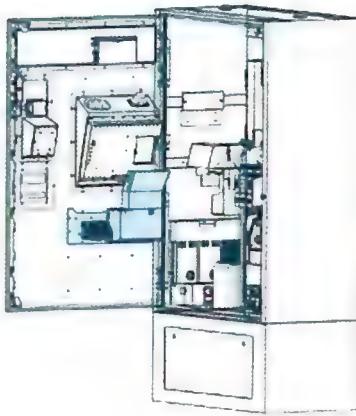
Vending
Machine
1200x1500
(Internal Size)



Station No. 01 TVM placement location



S01-T-01 proposed location



S01-T-01 physical look



S02-T-01 required socket

- For S01-T-01 booth not ready/available



Station No. 01 Ticket Office Room for TOMs



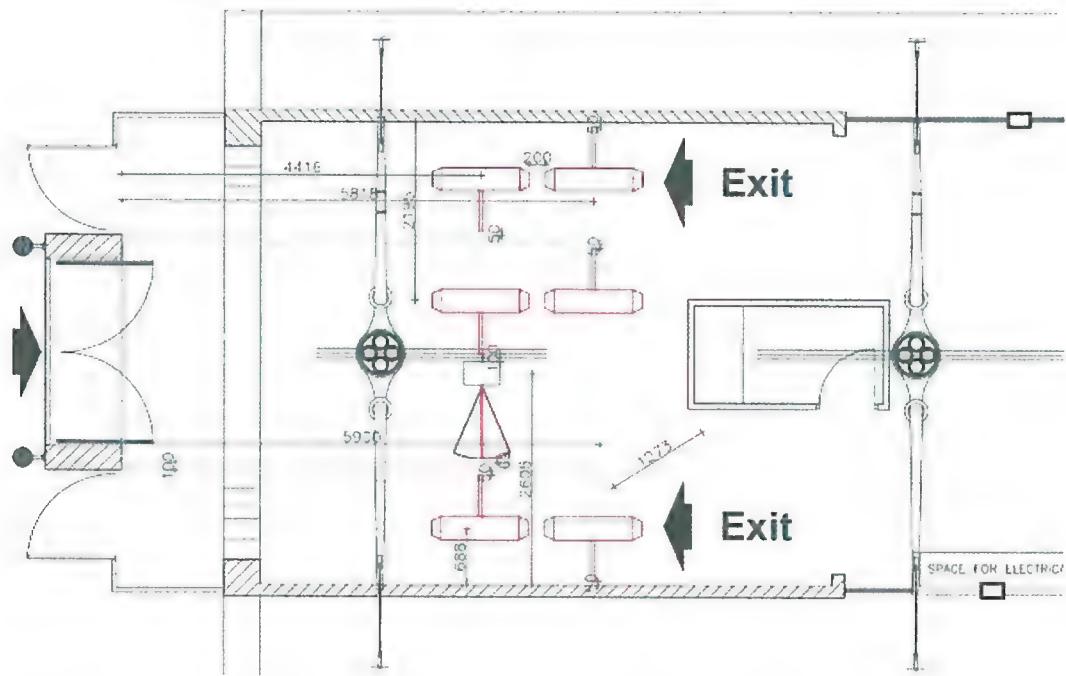
- Power sockets board not installed for TOMs (2pin plug socket X 4 required for each(1) TOM)
- Holes from slab to power sockets are not available for TOM's cabling (power & ethernet)
- 1 X ethernet cable required for each (1) TOM



▲
▼

13

Station No. 01 Turnstile Gate & Wide Gate Proposed layout



Station No. 01 Turnstile Gate & Wide Gate Placement Location



- At turnstile placement points power, data/ethernet and signal cables are not available and panic button placement/installation location not finalized.
- Required cabling details are mentioned on page # 45

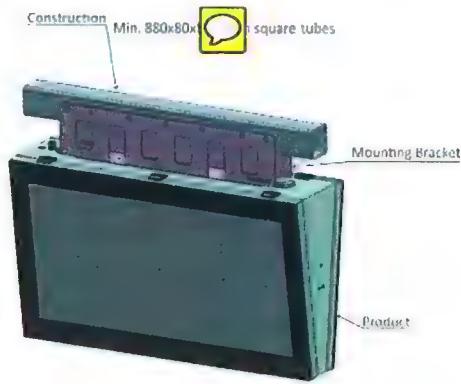


15

Station No. 01 5S RTPI hanging at stairs & escalators



S01-5S-01



S01-5S-01 drawing

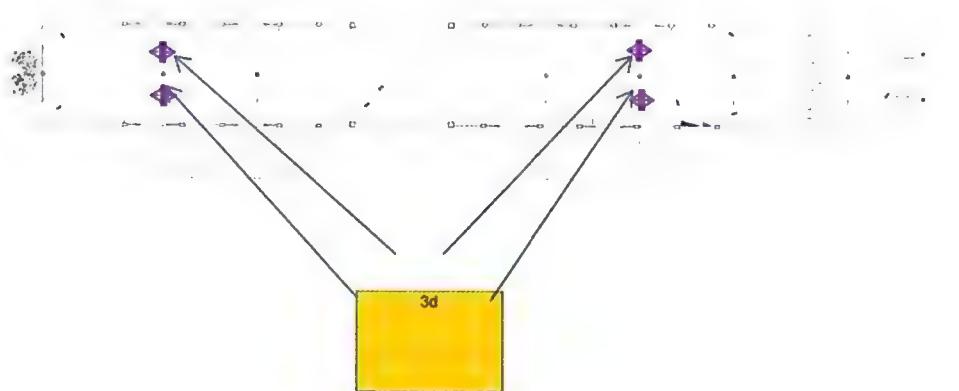
- At S01-5S-01 hanging location power and data/ethernet cable is not available. Required cabling details are mentioned on page # 45

Station No. 02

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine (TVM)
4. Ticket Office Machine(TOM)

Station No. 02 RTPI Proposed Layout

Station



Station No. 02 RTPI Placement Location

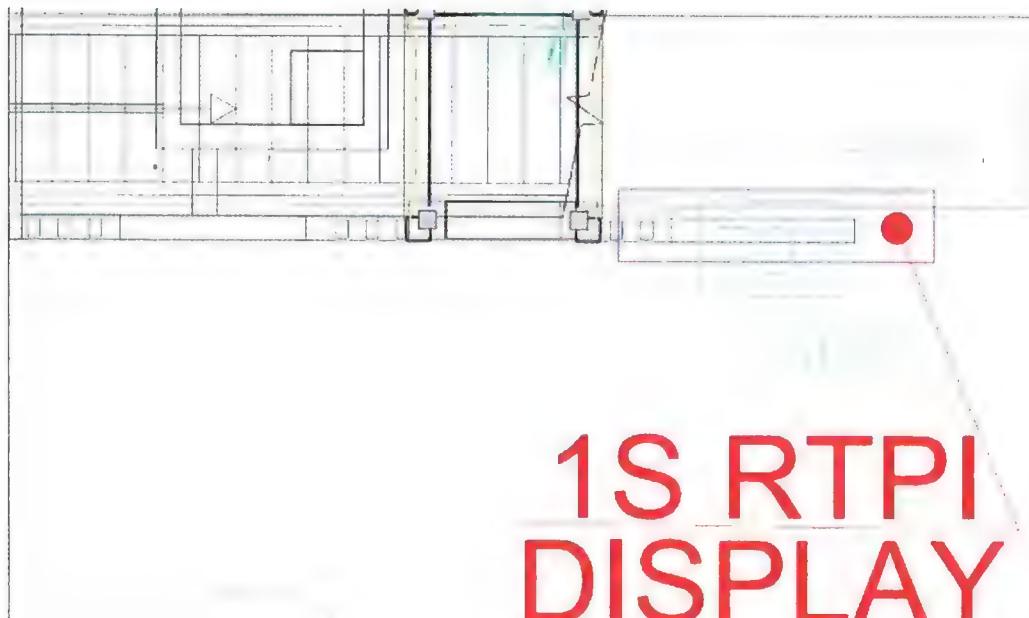
Station



- At above points S02-3D-01,02,03 & 04, no power and data/ethernet cables available and marking required at exact location for RTPIs hanging.

19

Station No. 02 RTPI Proposed Layout



Station No. 02 RTPI placement at Ticket Office



S02-1S-01 proposed location

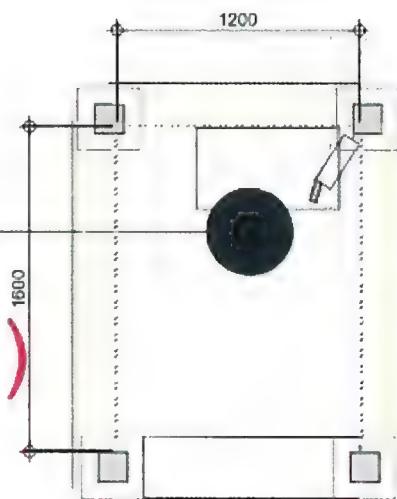


S02-1S-01 dimensions

- S02-1S-01 RTPI will be installed at TVM booth's (which is not ready) side wall

Station No. 02 TVM Proposed Layout

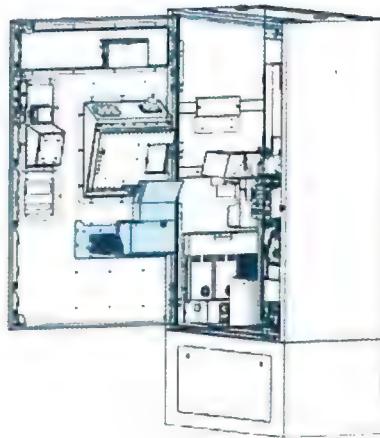
Vending
Machine
1200x1500
(Internal Size)



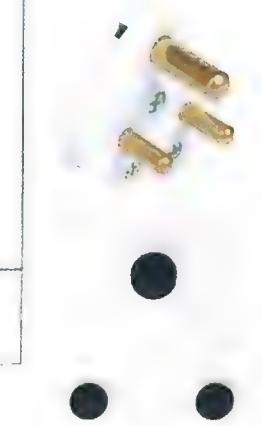
Station No. 01 TVM placement location



S02-T-01 proposed location



S01-T-01 physical look



S02-T-01 required socket

- For S02-T-01 booth not ready/available

23

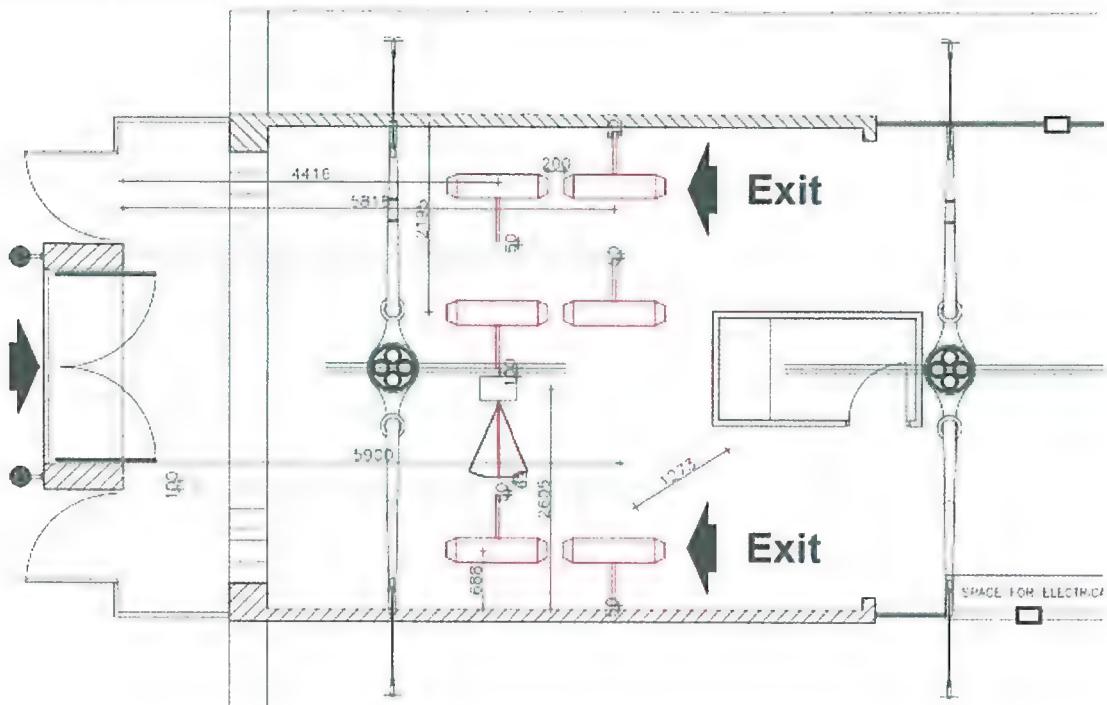
Station No. 02 Ticket Office Room for TOMs



- Power sockets board not installed for TOMs (2pin plug socket X 4 required for each(1) TOM)
- Holes from slab to power sockets are not available for TOM's cabling (power & ethernet)
- 1 X ethernet required for each (1) TOM

24

Station No. 02 Turnstile Gate & Wide Gate Proposed layout



Station No. 02 Turnstile Gate & Wide Gate Placement Location



- At turnstile placement points power, data/ethernet and signal cables are not available and panic button placement/installation location not finalized.
- Required cabling details are mentioned on page # 45

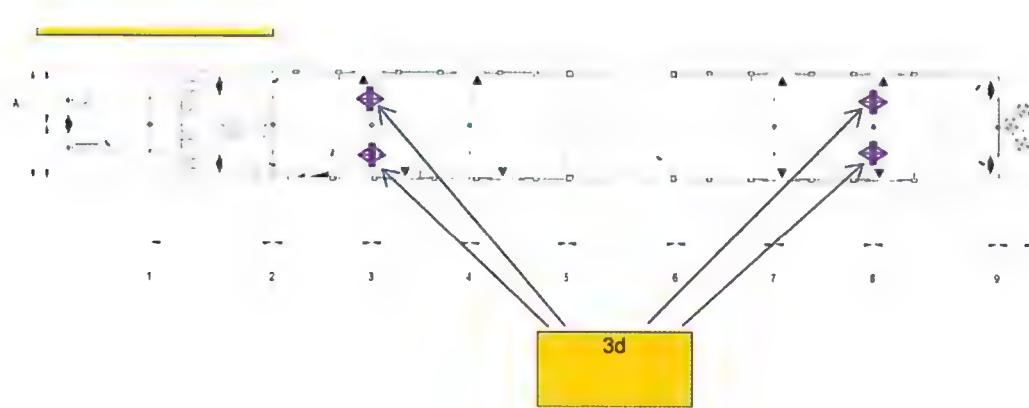
26

Station No. 03

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine (TVM)
4. Ticket Office Machine(TOM)

Station No. 03 RTPI Proposed Layout

Station



Station No. 03 RTPI Placement Location

Station



- At above points S03-3D-01,02,03 & 04, no power and data/ethernet cable available and marking required at exact location for RTPIs hanging.

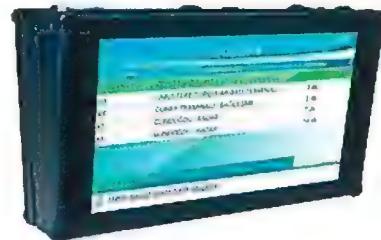
29

Station No. 03 RTPI placement at Ticket Office



S01-1S-01 proposed location

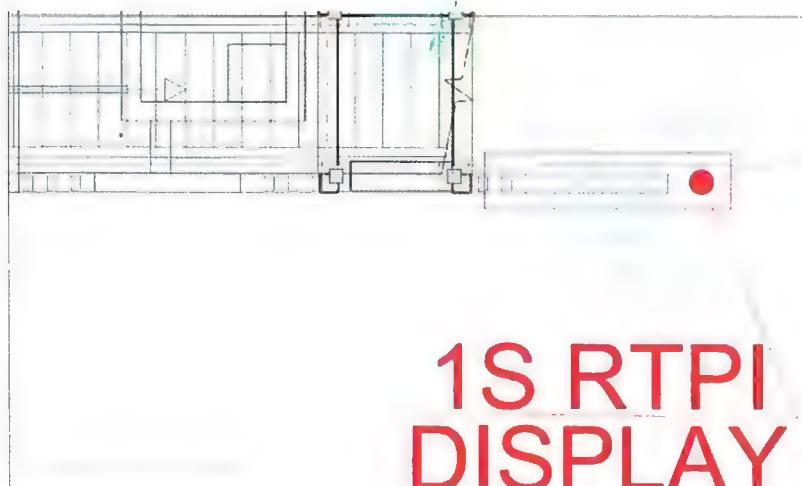
3.1 55" TFT LCD



S03-1S-01 dimensions

- S01-1S-01 RTPI will be installed at TVM booth's (which is not ready) side wall

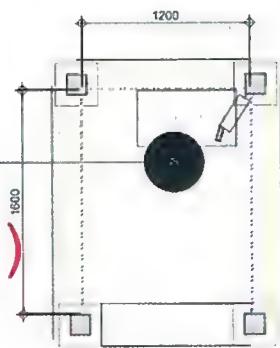
Station No. 03 RTPI Proposed Layout



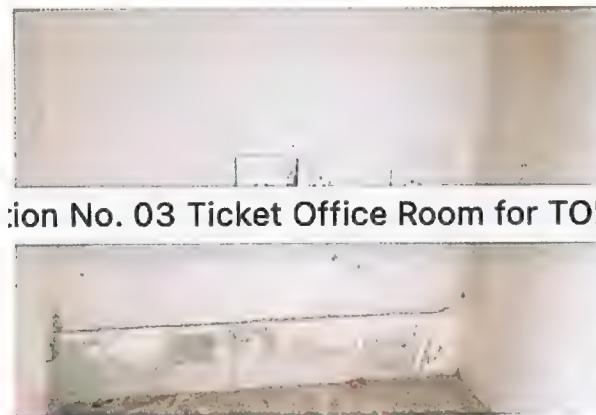
1S RTPI
DISPLAY

Station No. 03 TVM Proposed Layout

Vending
Machine
1200x1500
(Internal Size)



Station No. 03 Ticket Office Room for TOMs



- Power sockets board not installed for TOMs (2pin plug socket X 4 required for each(1) TOM)
- Holes from slab to power sockets are not available for TOM's cabling (power & ethernet)
- 1 X ethernet required for each (1) TOM



34

Station No. 03 TVM placement location



S03-T-01 proposed location



S01-T-01 physical look

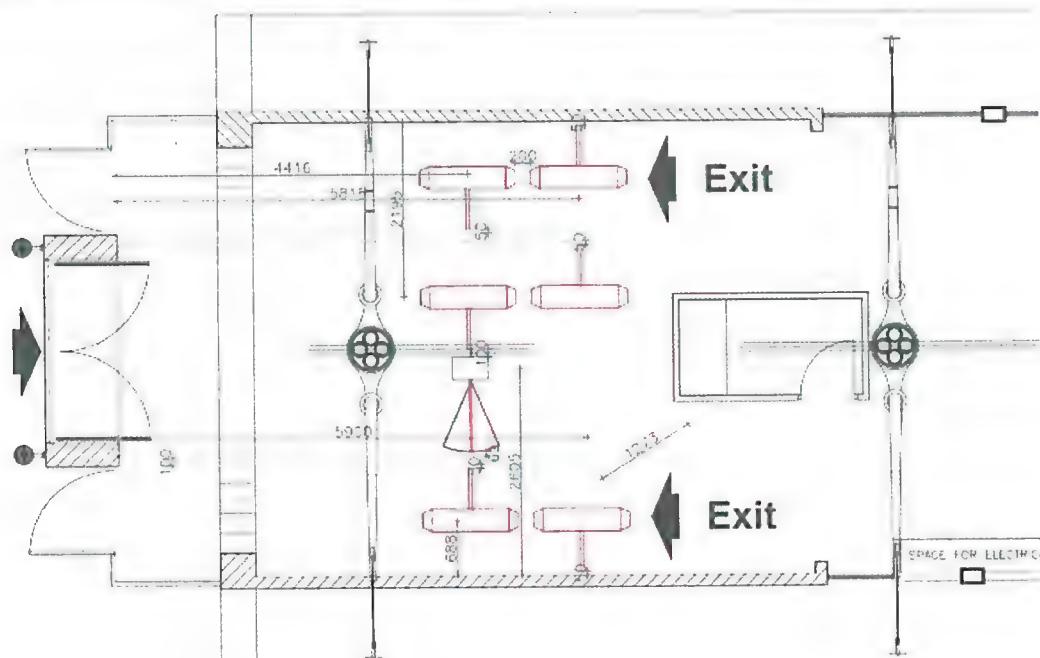


S02-T-01 required socket

- For S03-T-01 booth not ready/available

23

Station No. 03 Turnstile Gate & Wide Gate Proposed layout



24

Station No. 03 Turnstile Gate & Wide Gate Placement Location



- At turnstile placement points power, data/ethernet and signal cables are not available and panic button placement/installation location not finalized.
- Required cabling details are mentioned on page # 45

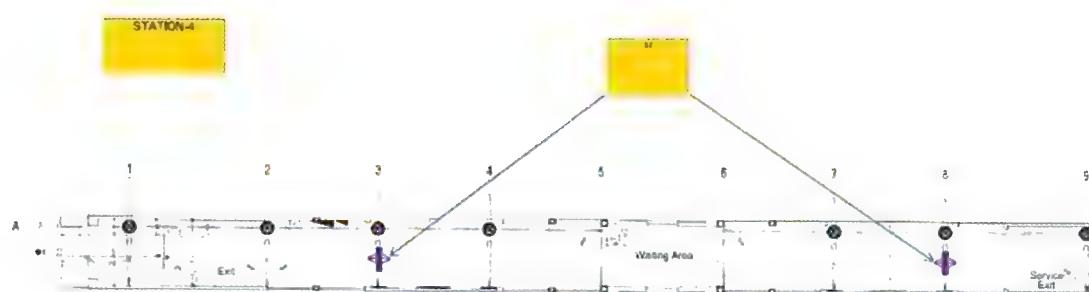
36

Station No. 04

1. Real Time Passenger Information (RTPI)
2. Turnstile Gate & Wide Gate
3. Ticket Vending Machine (TVM)
4. Ticket Office Machine(TOM)

Station No. 04 RTPI Proposed Layout

Station



Station No. 04 RTPI Placement Location

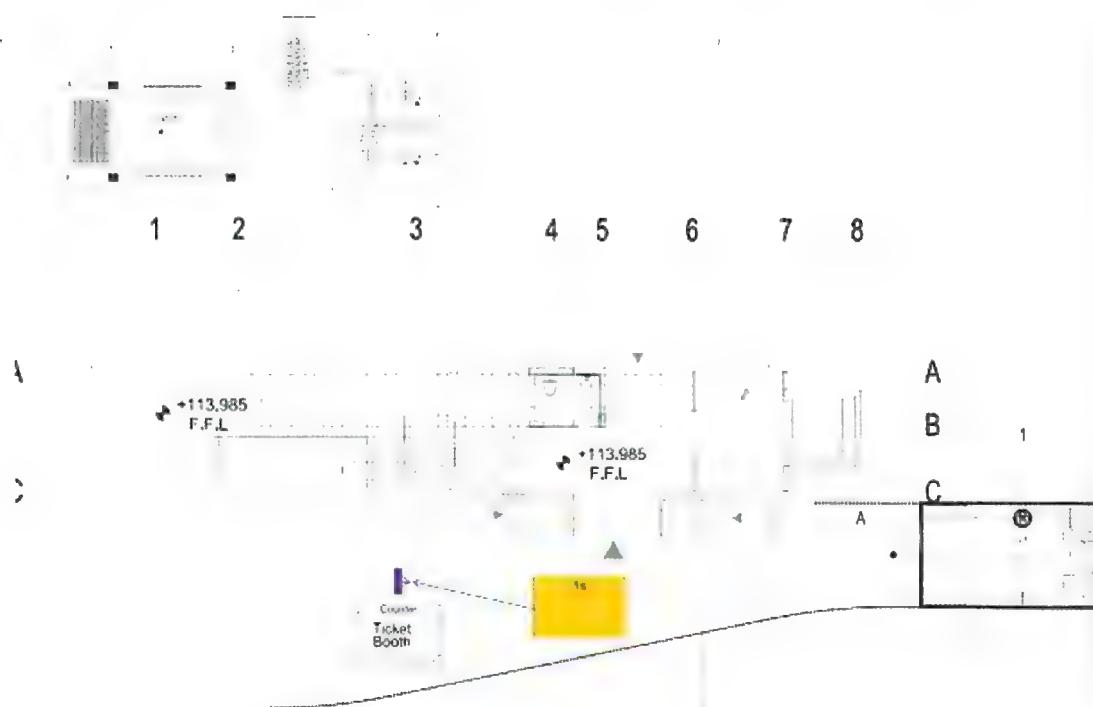
Station



- At above points S03-3D-01,02,03 & 04, no power and data/ethernet cable available and marking required at exact location for RTPIs hanging.

39

Station No. 04 RTPI Proposed Layout

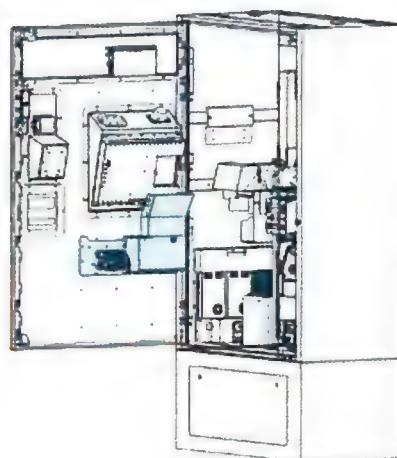


Station No. 04 RTPI placement at Ticket Office



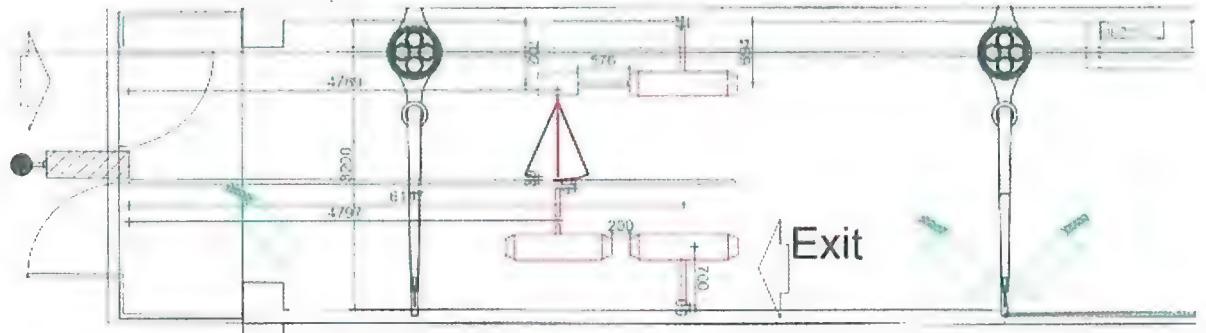
S04-1S-01 RTPI will be installed at ticket counter. Ticket counter need some modification

Station No. 04 TVM placement location



- For S04-T-01 booth not ready/available

Station No. 04 Turnstile Gate & Wide Gate Proposed layout



Station No. 04 Turnstile Gate & Wide Gate Placement Location



- At turnstile placement points power, data/ethernet and signal cables are not available and panic button placement/installation location not finalized.
- Required cabling details are mentioned on page # 45

44

Cabling requirement for each station gate

For each(1) turnstile

- **2 X 3-Meter long from ground Ethernet cables required**
- **1 X 3-Meter long from ground power cable required**
- **1 X 3-Meter long from ground signal cable for panic button (details are in next slide)**

For each(1) wide gate

- **2 X 2-Meter long from ground Ethernet cables required**
- **1 X 2-Meter long from ground power cable required**
- **1 X 2-Meter long from ground signal cable for panic button (details are in next slide)**

For each(1) RTPI

- **1 X 3-Meter long Ethernet cables required**
- **1 X 3-Meter long power cable required**

Note: Install Ground Fault Circuit Interrupter at each UPS output on all stations

Cabling requirements for station gates



3. ITS Package B (Contractor Observations)

STATION NO.4

- Most of the pits are full of muds and garbage.
- Poles Pipes are not finely entered in pole.
- Road crossing station no. 4 route is not clear which comes inside station.



STATION NO. 3

- Station no. 3 and 4 corridor Pits are not properly cover and most of the pit are under heavy human intervention.
- Data Points are used for electric Cabling
- Need 4 inch conduit for fiber cable lying existing is 2 inches.



STATION NO. 3 (Cont.)

- Pits are covered with mud and garbage



- PVC pipes are installed for ethernet cabling



- Few Pits are sealed



STATION NO. 2

- Each station have 2 pits station level but only one pit present at station in particular station which is also sealed.



- Stone slab present inside pits and pits are sealed.



- Design changed at station no.2 pits are opened at bottom of existing poles as station no. 3 and 4 have in between of corridor



STATION NO.2 (Cont.)

- Conduits is covered with tiles and few conduits are broken.
- Passage are not given between wall to and no conduits are present to pass cables through the wall.



STATION NO. 1

- Difference in conduit sizes for cable laying.
- Cable route not clear and pits those are connected to IT room covered with Mud and garbage.
- Station to IT Room Cable route is not Clear



STATION NO.1 (Cont.)

- Some pics at different area from station level no cable route define or its presence.



Conclusion Of Survey

- Most of the Pits are filled with Mud and garbage need to clean
- Camera points in ticketing room are not on appropriate place of coverage.
- Pits those connect corridor to IT room are full of garbage and mud and route not clear
- Data points are used for electric cable
- Passages of cables are not present mostly in Station no. 2 and 1
- Camera poles pit are in center at Station no. 4 and 3 filled with dirt and remaining ones have on side of corridor.

3.1. Fiber Cabling



Route to connect Green Line and Orange Line for Fiber or Electrical Cables are not present. How does green line connect with orange line?

Civil Work and Conduit to place before fiber cabling.



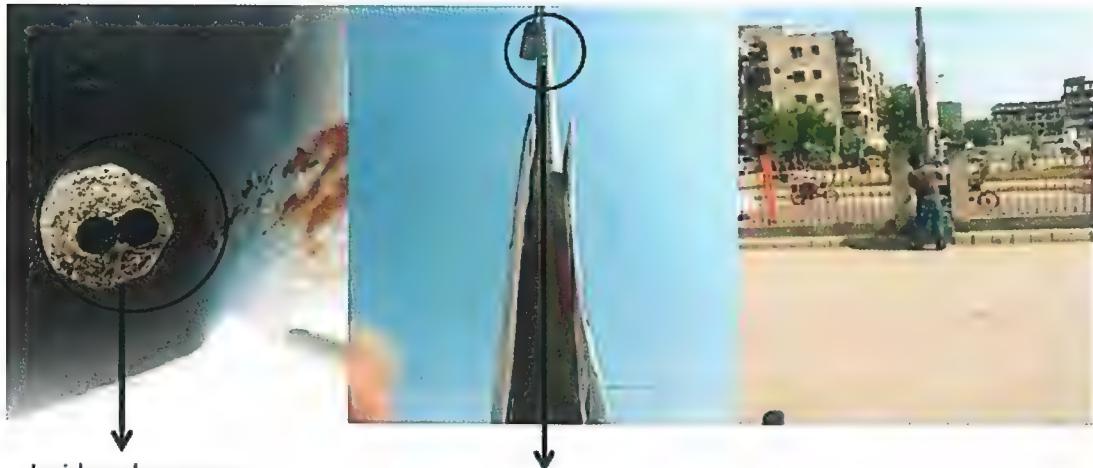
Green line connecting to orange line near Dilpasand

Pit totally filled with mud and garbage. No route at all.

This pic shows the starting track of orange line from dilpasand nazimabad



This is station 1 near dilpasand. No proper route available. The pits inside track to connecting this station are not clear.



Inside pole camera route but not confirm about DB size and point of wifi on pole.

Camera point on Pole and height of camera from road to point is 15ft to 16ft

- There are 124 poles from starting to ending point of ORANGE LINE.
- Each pole has a distance of 30 meter.
- From starting track of orange line dilpasand Pole 1 to pole 4 camera points are clear.



2 route boxes on track one for fiber route and other one for electrical route

Pole 4 camera route and camera point is opposite to bridge wall.

Pole 1 to pole 4 route is clear.



Pole 5th is not clear

Both road pits are
not clear and NO
route to side poles
left or right.

Right pole
5th

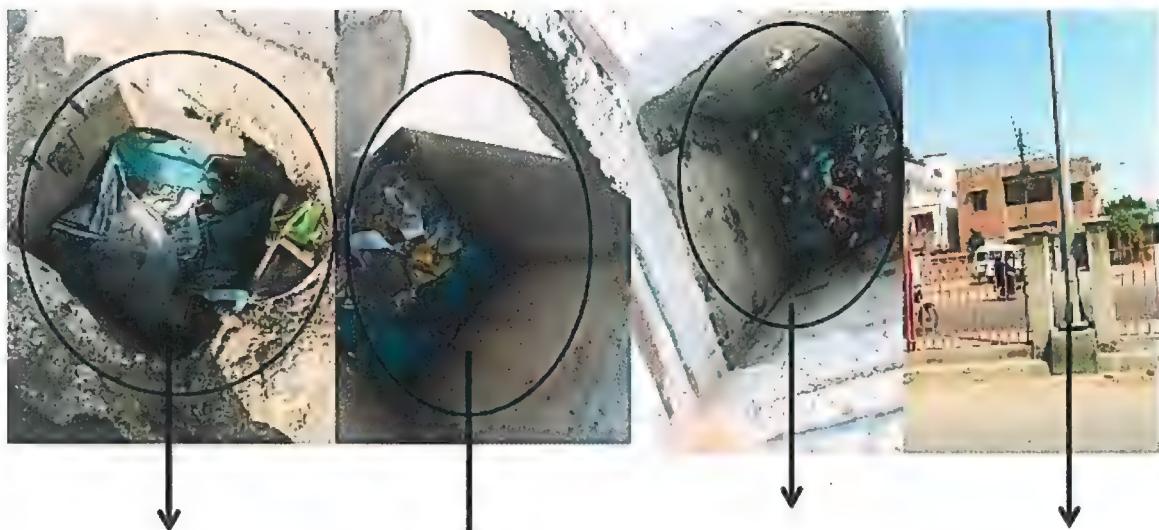
5th left pole



Road pit 6th filled with water and
garbage no route for fiber and
cameras point to left or right
pole – need civil work.



Road pits 7th pipe is filled with
cement no route for camera
point – need civil work.



Pole 13th to road pits is not clear totally filled with garbage and same condition goes for pole 20th road pit.

Pole 14th pit is not clear route to side poles left or right.

Pole 16th pit is also not clear route to side poles left or right. Can't find proper route.



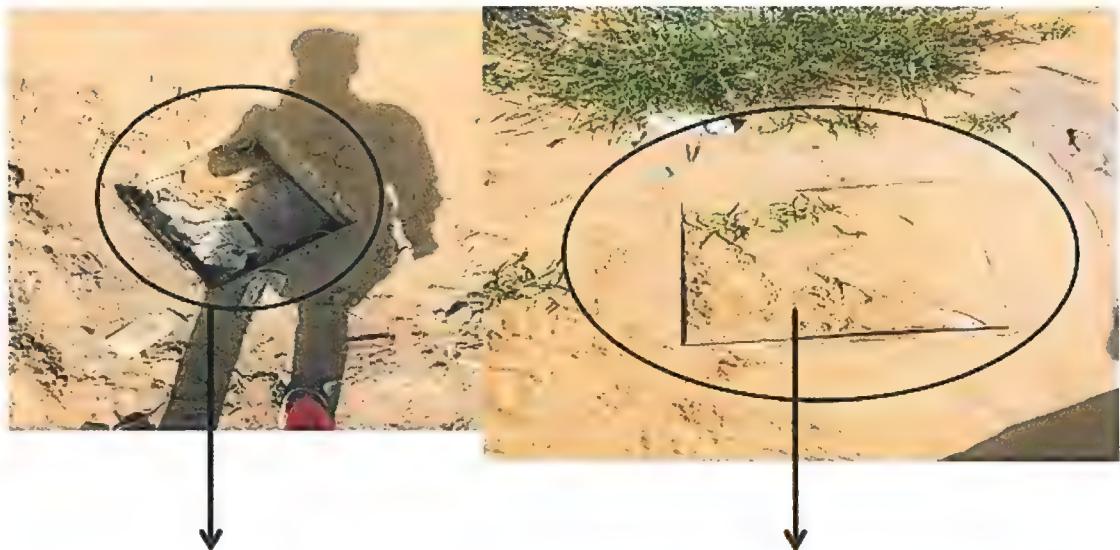
**ALL PITS NEED TO BE CLEARED
FIRST TO PROCEED FURTHER**



Station 2 before bacha khan bridge.

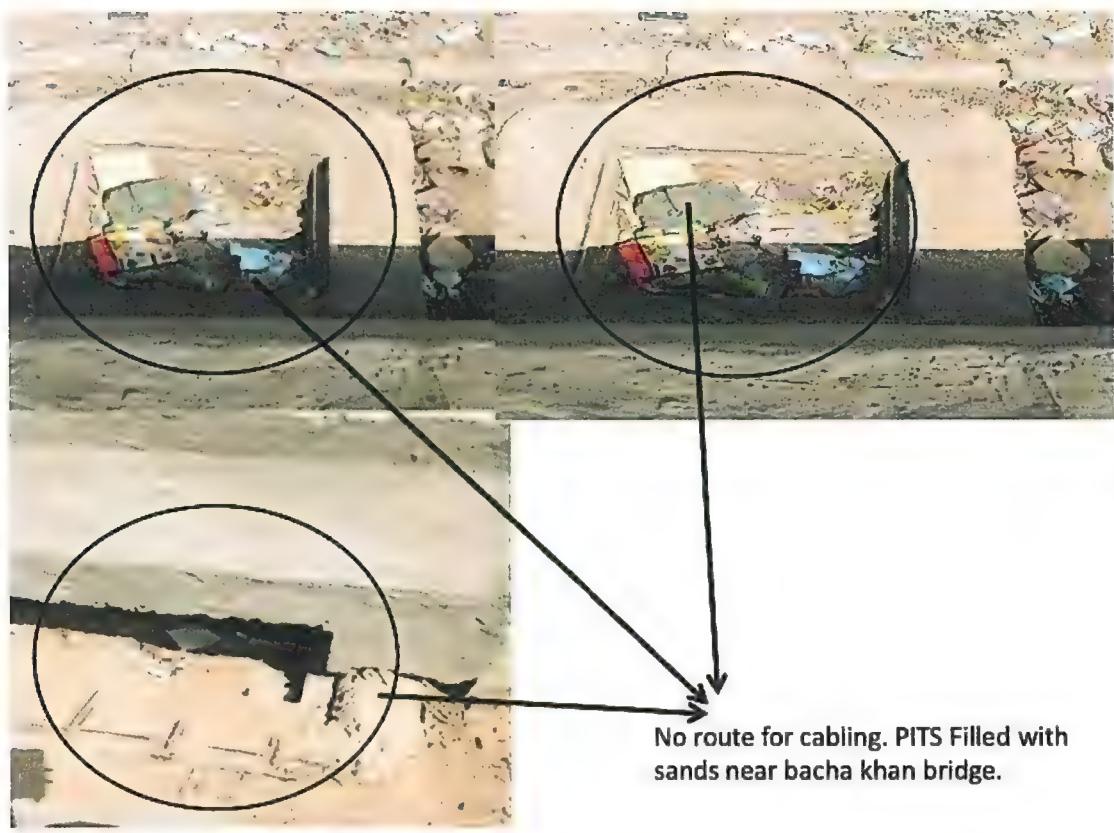


Station 2 to bacha khan bridge no cabling route or pit between 10 poles distance. Need Civil Work and Conduits.



Pole 25th road pit is not clear totally filled with sand.

Pole 26th and 28th road pit is not clear filled with sand.





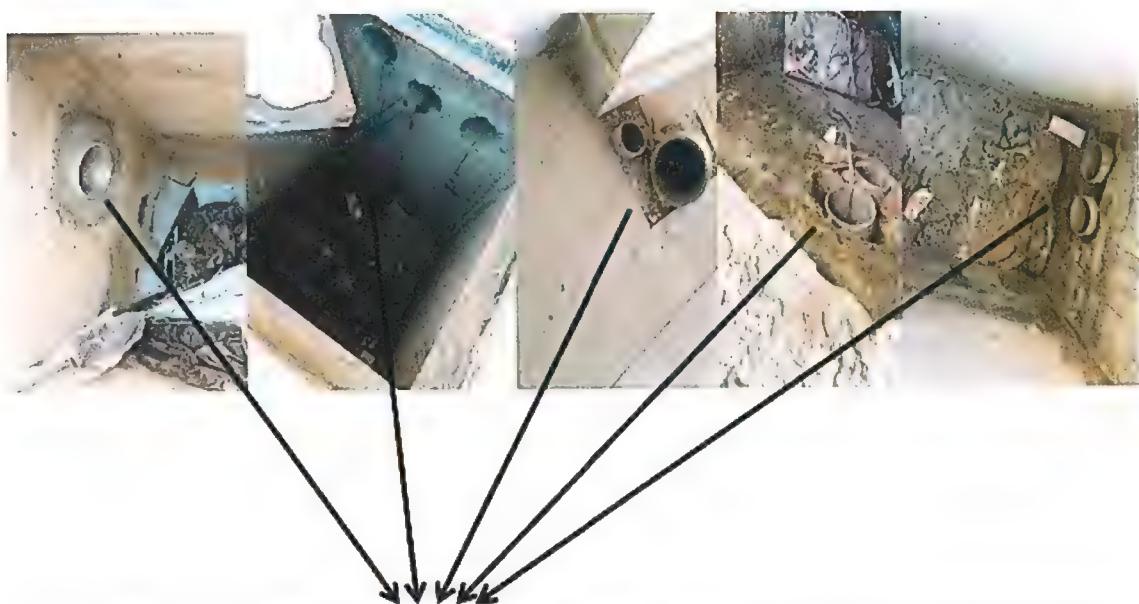
Faceplates are
already installed
inside depot

Server room is
locked but
routes checked
from outside
window may
depict a clear
route.



Operation room pipes
are present

Server room
pipes are
there



Apparently may be pits and routes for cabling and also camera routes are clear inside orange line depot but , when we do cabling on depot or track route if any blockage of conduit or any route of camera or fiber inside orange line depot or track then its not our concern to clear the route because externally pits and routes apparently seen clear but internally if pits or conduit are not clear so then its your responsibility to hire the contractor and clear the routes at that time.



This route is not clear to Depot
The route shown in circle are
there on bridge side footpath,
but not connecting inside
Depot. Need civil work.



Over bacha khan bridge there is no
proper route for cameras from pole 33rd
to pole 86th. Please do civil work and
make a proper route for camera points
over bacha khan bridge flyover .





SUGGESTIONS AND NEEDS

- Need G.I pipe for cabling under bacha khan bridge .
- Please do civil work and clear the routes and pits on different areas as per above shown diagrams.
- Please let us know when the conduit work is to start so our team can pull the fiber parallel according to route deployment and that will be convenient for our team.

QUESTIONS

Please confirm if cabling route of CAT6 inside depot are clear for cabling.

Please confirm if route from IT room to CAT6 distribution room is ready for all cabling.

Please confirm if poles are ready & routes are clear for Camera cabling.

Please confirm if you know the DB sizes & heights of camera or wifi.

Please confirm if Depot is ready for cabling and routes are cleared to start cabling.

Please confirm if cables of cameras for corridor.

4. FACILITY MANAGEMENT

4.1. SECURITY

- The heights of the grills on the corridor be raised to a level where no person can jump over them to enter the corridor.
- The gap between the bars of the grill be kept to minimum so that no one can slide through them to enter the corridor.
- Gap between poles and barriers at corridor must be covered by grill so that no trespassing can take place.
- Since the Orange Line is located in one of the most congested area of the city and also passes through public areas therefore the corridor should be well lit and in working condition.
- Cameras installed on the stations and corridor should be of 360 degrees so as to be able to observe all around.
- Cameras must be installed in genset rooms.
- Where ever wiring is done, it must be covered/buried by concrete so that no one can dig it out.
- Gates installed at Entry/Exit points must be light weight so that it can be handled by one person.
- The gates installed at entry and exit must have arrangements of shelter for the guards.
- No gensets found at any station. Moreover, the area designated for genset rooms are outside the station without any fence less one station. This must be inside the station with fence around it having lock and key system.
- Since the orange line is a mix of dedicated corridor and public roads therefore keeping away the general public away from the corridors will be a big challenge during operational hours. It is suggested that automatic barriers be installed at each entry/exit in addition to the gates. These barriers be operated by the guard deputed at the gates.
- Trespassing is a major issue
- All pedestrian bridges are unsafe for passenger movement as large gap exists between the side railings.
- No lights installed at any pedestrian bridge.
- Exit/Entry gates of paid area gates must have lock and bolts to lock the gates

4.2. MAINTENANCE/AFC

- A room for storing of janitorial material and other maintenance tools be provided at each station. The room should also have an almirah for safekeeping of staff belongings.
- Adequate space be provided for parking of vehicles/machinery on the corridor.
- All washrooms should be functional in all respects before deployment of security staff.
- Water proofing of all IT/ticketing rooms
- Drainage system on the corridor to ensure no water remains on the track after the rains.
- The washroom water pumps should be located inside the station premises.
- Earthing wires should preferably be ending within the station which can easily be observed by security.
- All IT/Ticketing rooms doors be provided bolt with padlock.
- All drawers of ticketing office be provided with locks and cash tillers.
- Genset internal and auxiliary tanks must be free of rust and located within the genset room. However, no auxiliary tanks were found.
- Auxiliary tanks be calibrated after installation.
- Fans be placed over the turnstiles for the guards deployed on them.
- No PSD doors, fans, benches installed at the stations.
- Gutters have no cover and are in open.
- Digital Flow meters be installed on the gensets.
- Separate switches for light/electric fixtures.
- No breaker tagging in DP panels.



BRTOL Infrastructure Report - SIDCL - Additional Works to be undertaken

Rehan Zamin <rehanzamin@gmail.com>

Wed, Mar 9, 2022 at 11:29 PM

To: Yazim Shah <shahyazim.smta@gmail.com>

Cc: Managing Smta <managingdirector.smta@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rizwan Yousaf <rizzid786@gmail.com>, NESPAK - Faisal Karim <engrfaisal2008@hotmail.com>

Dear Yazim,

This is with reference to SIDCL email dated Feb 24, 2022. Subsequently, SMTA, the Consultants of SIDCL and NESPAK had a meeting on Feb 24, 2022, wherein the report was discussed in detail to work out plan for undertaking the additional works as requested by SIDCL.

A follow-up meeting was held on March 1, 2022 in the chairmanship of worthy Secretary wherein it was decided that the first 7 items (in the attached list) will be included in OL scope considering the 15% variation limit of construction contracts.

Following the meeting, we have worked out the rates of several items. Some are based on detailed engineering, while some are based on assumptions considering similar works.

Design of items 6 & 7 in the attached list are to be provided by SIDCL for conformity in design. The same was requested of Mr. Abdul Aziz earlier this week during the site visit of PCIC.

We need official SMTA confirmation to undertake the works listed in items 1 thru 7 so that we can prepare / finalize the detailed design (items 1 thru 7) to be given as Variation order to one of the OL contractors. Please note that the costs worked out in the attached list are tentative and may vary after the detailed design is completed.

You are requested to review the above and comment, if any.

Regards

Rehan

On Thu, Feb 24, 2022 at 12:16 AM Yazim Shah <shahyazim.smta@gmail.com> wrote:

Dear Rehan sir,

Below is the link of report on the subject noted above sent by sr manager Abdul aziz of SIDCL for your review and comments pls.

The same is submitted to secretary TMD office on 23-02-2022 by SIDCL.

Sent from my iPhone

Begin forwarded message:

From: "sr.manager" <sr.manager@sidcl.com.pk>
Date: February 22, 2022 at 6:21:45 PM GMT+5
To: Yazim Shah <shahyazim.smta@gmail.com>
Cc: "nadeem.lodhi" <nadeem.lodhi@sidcl.com.pk>, cfo <cfo@sidcl.com.pk>, Wajid Saleem <wajid.saleem@sidcl.com.pk>, "ahsan.riaz" <ahsan.riaz@sidcl.com.pk>, AFTAB ALAM <aftab.brt@daewoo.com.pk>, managingdirector.smta@gmail.com, SECRETARYTRANSPORTSINDH <SECRETARYTRANSPORTSINDH@gmail.com>
Subject: Orange line Infrastructure Report - SIDCL

Dear Yazim,

Annex-14a



Additional works for operationalization of Orange BRT project - SIDCL and SMTA coordination

BRT Orangeline <brtorangeline12@gmail.com>

Wed, Jun 8, 2022 at 10:06 PM

To: "sr.manager" <sr.manager@sidcl.com.pk>

Cc: "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, "Khadim. Mirani." <cfo@sidcl.com.pk>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rehan Zamin <rehanzamin@gmail.com>, Yazim Shah <shahyazim.smta@gmail.com>, ddinfra.smta@gmail.com, rizwan ghani <engr.riz7@gmail.com>

Yazim Shah <shahyazim.smta@gmail.com>, ddinfra.smta@gmail.com, rizwan ghani <engr.riz7@gmail.com>

Dear Sir,

This is with reference to **Orange BRTS** report for Infrastructure related Report submitted by SIDCL on 22nd February 2022 in which the SMTA was requested to undertake various additional works, modifications, re-routing, alterations in order to fulfill the operation requirements raised by M/s Daewoo and M/s DCC.

As discussed SMTA has undertaken almost all operational requirements but except the following :-

01. Fresh Water Treatment Plant
02. Residence with rooms for drivers (*a dedicated and sufficient 79 sq.meter space for rest area is already provided at Bus Depot with attached bathrooms and fans installed already - this space can easily be transformed into residence facility*)
03. Extend the boundary wall height with barbed wires.
04. Fuel Shed on Fuel tanks with lights.
05. Containers for tyres, denting and painting shops. ✓
06. GI Conduits for security cameras at Bacha Khan flyover.
07. Alteration in bus washing area.
08. Kessal Kerb at bus stations.

The SMTA has many times informed SIDCL on higher forums that the above works could not be undertaken due to contractual constraints., including financial constraints and requested SIDCL to undertake the above highlighted works at their own.

The SMTA has undertaken following works in pursuance to the above-mentioned report and various site visits / meetings / correspondences

01. Air conditioner (Ticket Booth and IT rooms of Stations and Depot) - 14 No.
02. Ticket Vending Machine Cabinet 4 No.
03. Station Benches 32 No.
04. Corridor Gates 10 locations
05. DB / Pit light and Electric points at maintenance yard in depot
06. Station sign boards
07. Map Stickers for Stations
08. Fencing at U-Turn under Abdul Sattar Edhi Interchange to close the corridor
09. Docking Rubber
10. Sheds over Maintenance and Washing pits including lightning.
11. 350 KVA generator
12. Fuel tank with total capacity of 50,000 liters
13. Lane numbers on parking spaces of buses at Depot
14. Conduiting for IITS works.
15. Waste-water treatment plant
16. Various other works in coordination with your ITS consultant and Bus Operator.

This is for record and further necessary action please.

Regards



Sindh
Mass Transit
Authority

TRANSPORT & MASS TRANSIT DEPARTMENT
GOVERNMENT OF SINDH

No. SMTA/BRT-OL/2022/L-788

Karachi, Dated: 10th May, 2022

SAY NO TO CORRUPTION

To,

Project Manager,
NESPAK,
BRT-Orange Line,
Karachi.

SUBJECT: ADDITIONAL ITEMS REQUIREMENTS BY SIDCL.
Additional works to be undertaken.

With reference to subject noted above, the SIDL submitted a report to GoS containing various works to be undertaken for Orange BRT Project based on mutual discussions and after approval of Competent Authority it was decided few additional item works to be undertaken by SMTA through variations in the on-going contract of works already mentioned in email dated 19th April, 2022.

In addition to those SIDCL requirements being taken up under package 3, please also include installation of docking rubber at all four BRT stations in either package 3 or package 4 as per the conditions of contract.

PROJECT DIRECTOR
BRT-OL

A copy is forwarded for information to:-

1. Director, Infrastructure & planning, SMTA
2. Deputy Director, Budget & Accounts, SMTA
3. The PS to Secretary, Transport & Mass Transit Department, GoS, Karachi.
4. The PS to Managing Director, Sindh Mass Transit Authority, Karachi.
5. Master File.

Muhammad Yousuf Munir <director.infra.smta@gmail.com>
To: BRT Orangeline <brtorangeline12@gmail.com>
Bcc: ddinfra.smta@gmail.com

Mon, May 23, 2022 at 12:26 AM

----- Forwarded message -----

From: **sr.manager** <sr.manager@sidcl.com.pk>
Date: Thu, May 19, 2022, 3:03 PM
Subject: Re: Additional items requirement by SIDCL
To: Yazim Shah <shahyazim.smta@gmail.com>
Cc: Engr. Yousuf Munir <director.infra.smta@gmail.com>, cfo <cfo@sidcl.com.pk>, Rehan Zamin <rehanzamin@gmail.com>, managingdirector.smta@gmail.com <managingdirector.smta@gmail.com>

Dear Yazim,

Thank you for sharing admin building layouts with SIDCL. After the review, it is important to mention here that there is no space to cater / store the spare parts for the buses (spare parts are for 3 years, which came with the buses). Highlighted the previous reports also.

Secondly, Daewoo already highlighted the requirements for paint / repair area, tyres and lubricates, workshop for daily maintenance.etc. These all requirements were also full-filled by SIDCL in Green line depot for Green line buses by putting containers.

In view of above, you are requested to place containers (4 to 5) at depot which can be used for storage and other maintenance purposes. In the admin block we will be allocating rooms for spare parts storage (other than tyres and mobile oil) and rest of other facility for drivers resting and admin related to Bus Supplier (Zhongtong for 3 years) and to Bus Operator (Daewoo).

Your support is required.

Thanks,

Abdul Aziz

From: Mubashir Moin <mubashir.moin@exponent.com.pk>
Sent: 17 May 2022 21:23:08
To: sr.manager
Cc: 'Yazim Shah'; 'Engr. Yousuf Munir'; cfo; 'Abdul Bari'; 'Rehan Zamin'
Subject: RE: Additional items requirement by SIDCL

Dear Abdul Aziz,



Fwd: Additional items requirement by SIDCL

5 messages

BRT Orangeline <brtorangeline12@gmail.com>

Thu, Apr 28, 2022 at 1:27 AM

To: Rehan Zamin <rehanzamin@gmail.com>

Cc: "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, Yazim Shah <shahyazim.smta@gmail.com>, rafay.laghari.smta@gmail.com, ddinfra.smta@gmail.com, rizwan ghani <engr.riz7@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Kashif Ali Khan <projectengineer.brt.ol@gmail.com>

Dear Rehan Zamin sb,

Please refer to our last email to SIDCL dated 19th April 22, wherein they were informed about the 7 items (also attached), SMTA is undertaking for further implementation through our on-going contracts of Orange BRT project.

Please refer to the on-going contracts of Package 3 and 4 and also the meeting with SIDCL at Secretary TMTD office where-in SIDCL insisted the importance of Docking Rubber during the Bus Operations. In this regard, SMTA has decided to explore the possibility of including the *Docking Rubber (in addition to the above-mentioned 7 items)* in the on-going contracts of Package 3 & 4. Please undertake this task and necessary formalities on immediate basis.

The SIDCL has provided necessary technical details of Docking rubber which is being sent to you separately, subsequent to this email.

Thank you,
Regards

action. ---- Forwarded message -----

From: BRT Orangeline <brtorangeline12@gmail.com>

Date: Tue, Apr 19, 2022, 1:55 AM

Subject: Re: Additional items requirement by SIDCL

To: sr.manager <sr.manager@sidcl.com.pk>

Cc: Managing Smta <managingdirector.smta@gmail.com>, Yazim Shah <shahyazim.smta@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Rehan Zamin <rehanzamin@gmail.com>, Rizwan Yousaf <rizzid786@gmail.com>, rizwan ghani <engr.riz7@gmail.com>, Khadim. Mirani. <cfo@sidcl.com.pk>

Dear Sir,

Please refer to your email dated 22nd February 2022 through which the SIDCL submitted a report to GoS containing various observations and feedback to be undertaken for Orange BRT project. Based on our mutual discussions with your goodself, meetings at Secretary TMTD office, meetings and close coordination with your ITS consultants ; please note that the following are the works to be undertaken by SMTA through variations in the on-going contract of works.



Please note that the following works cannot be under-taken by SMTA. SIDCL is requested to under-take these works through their contracts, as deemed appropriate.

1) Docking Rubber at 4 Orange BRT stations.

2) Fuel Station shed. (please note that the shed over the maintenance yard and washing pit is being constructed at the moment).

Looking forward to closer coordination during the course of project implementation.

Regards

On Mon, Apr 18, 2022 at 12:01 PM Yazim Shah <shahyazim.smta@gmail.com> wrote:

<https://mail.google.com/mail/u/1/?ik=6e79687fc&view=pt&search=all&permthid=thread-f%3A1731294648647266536&simpl=msg-f%3A17312946486...> 1/7

REQUIREMENTS BY SIDCL

S. No.	Items
1	Air Conditioner (Ticket booth and IT room)
2	Ticket Vending Machine Cabinet
3	Station Benches
4	Corridor Gates
5	DB/ Pit light and Electric Point at Service maintenance yard in depot
6	Station Sign Boards
7	Map Stickers for Stations
8	Docking Rubber at Stations 1,2,3 and 4
9	Fuel Station Shed
10	Total A (s. no. 1 thru 9)
11	Amount being envisaged through OL C (items 1 thru 7)
12	Required amount, out of budget FY (A-B)

Note: The above requirements have been submitted by SIDCL on the same date wherein it was requested. The concerned authority must mobilize their facility management committee and contact NESPAK office, with ITS consultant to discuss.

Aoa sir,

This is with reference to your email dated 24-02-2022, wherein the report was discussed in detail to workout plan for undertaking the additional works as requested by SIDCL.
We need details of station sign board and map sticker for stations which is to be provided bolt SIDCL for conformity in design.
You are requested to kindly provide the details at earliest so it may be forwarded to ur project consultant for further necessary action please.
Thanks

Sent from my iPhone

2 attachments

1	Air Conditioner (Ticket booth and IT rooms)	10
2	Ticket Vending Machine Cabinet	4
3	Station Benches	48
4	Corridor Gates	10
5	DB/Pit light and Electric Point of Service arms and maintenance yard in depot	1
6	Station Sign Boards	Approx. 40
7	Map Stickers for Stations	

image.png
20K

1	Air Conditioner (Ticket booth and IT rooms)	10
2	Ticket Vending Machine Cabinet	4
3	Station Benches	48
4	Corridor Gates	10
5	DB/Pit light and Electric Point of Service arms and maintenance yard in depot	1
6	Station Sign Boards	Approx. 40
7	Map Stickers for Stations	

image.png
20K

Rehan Zamin <rehanzamin@gmail.com>

Fri, Apr 29, 2022 at 11:39 AM

To: BRT Orangeline <brtorangeline12@gmail.com>

Cc: "Iqtidar Ahmed (managingdirector.smta@gmail.com)" <managingdirector.smta@gmail.com>, Yazim Shah <shahyazim.smta@gmail.com>, Rafay Ali Laghari <rafay.laghari.smta@gmail.com>, ddinfra.smta@gmail.com, rizwan ghani <engr.riz7@gmail.com>, Muhammad Yousuf Munir <director.infra.smta@gmail.com>, Kashif Ali Khan <projectengineer.brt.ol@gmail.com>, NESPAK - Faisal Karim <engrfaisal2008@hotmail.com>

Dear SMTA,

With reference to your email, it is mentioned that the role of Engineer in Package 3 is with the Employer (SMTA). Hence, the letter for Rate Analysis / Variation shall be issued by SMTA (draft attached along with tender drawings). Pl send the letter to the Contractor

 **Package 3 - VO-I (BoQ, Specs & Drawings).pdf**

along with a copy to NESPAK.

Additionally, as requested, the Docking Rubber for stations will be included in Package-4, for which the Engineer (NESPAK) shall communicate with the Contractor.

Regards

Rehan

[Quoted text hidden]

 **change order ver 1.0.docx**
24K

https://www.dropbox.com/sh/me7jno4nsp3r4mr/AABrXp3t6HfV6S_F7tWiyn98a?dl=0

Regards,

Mubashir

From: sr.manager [mailto:sr.manager@sidcl.com.pk]
Sent: Tuesday, April 19, 2022 2:37 PM
To: 'mubashir moin'
Cc: Yazim Shah; Engr. Yousuf Munir; rehanzamin@gmail.com; cfo
Subject: Fw: Additional items requirement by SIDCL

Dear Mubashir,

Pls find below the names of the stations given by GoS for Orange line BRTS, pls include these in the maps.

Thanks,

Abdul Aziz

From: BRT Orangeline <brtorangeline12@gmail.com>
Sent: 19 April 2022 01:37
To: sr.manager
Cc: Yazim Shah; Managing Smta; Mubashir Moin; Muhammad Yousuf Munir; Rehan Zamin; Rizwan Yousaf; cfo; Abdul Bari
Subject: Re: Additional items requirement by SIDCL

Dear Sir,

Following are the station names for Orange BRT project, for your reference and necessary action please. Regards

- 1) TMA Orangi Town for Station No.1 (Elevated)
- 2) Pone Panch Orangi Town for. Station # 2 (At-Grade adjacent to Al-Khidmat)
- 3) Abdullah College for Station # 3 (At-grade adjacent to Abdullah College)
- 4) Jinnah University for Station # 4 (At-grade adjacent to Jinnah university for Women)

Regards

On Mon, Apr 18, 2022 at 4:20 PM Mubashir Moin <mubashir.moin@exponent.com.pk> wrote:

Dear Abdul Aziz,

Please provide us the final approved station names for Orange Line BRTS.

Please find attached a sample map (inside bus) for your ready reference. Once you provide the final station names we will update accordingly.

Regards,

Mubashir

From: sr.manager [mailto:sr.manager@sidcl.com.pk]

Sent: Monday, April 18, 2022 12:15 PM

To: Yazim Shah; 'mubashir moin'

Cc: Managing Smta; Muhammad Yousuf Munir; Rehan Zamin; Rizwan Yousaf; brtorangeline12@gmail.com; cfo

Subject: Re: Additional items requirement by SIDCL

Dear Yazim,

Pls find attached station sign boards (for two types of stations: split and central median) for your further necessary action.

Map stickers are in process.

Mubashir : kindly provide them map for each station of Orange Line (you are here) and also send us map for buses also (same as we have done in Green line, here colour will be orange for the bus map)

Thanks

Abdul Aziz

From: Yazim Shah <shahyazim.smta@gmail.com>

Sent: 18 April 2022 12:01:04

To: sr.manager

Cc: Managing Smta; Muhammad Yousuf Munir; Rehan Zamin; Rizwan Yousaf; brtorangeline12@gmail.com

Subject: Additional items requirement by SIDCL

[Quoted text hidden]



Fwd: Orange line Infrastructure Report - SIDCL

Muhammad Yousuf Munir <director.infra.smta@gmail.com>
To: BRT Orangeline <brtorangeline12@gmail.com>

Wed, Apr 27, 2022 at 11:42 PM

----- Forwarded message -----

From: sr.manager <sr.manager@sidcl.com.pk>
Date: Fri, Apr 22, 2022, 1:01 PM
Subject: Re: Orange line Infrastructure Report - SIDCL
To: Yazim Shah <shahyazim.smta@gmail.com>
Cc: cfo <cfo@sidcl.com.pk>, managingdirector.smta@gmail.com <managingdirector.smta@gmail.com>, SECRETARYTRANSPORTSINDH <SECRETARYTRANSPORTSINDH@gmail.com>, rizwan bangash <rizwan.bangash@eaworld.com.pk>, Engr. Yousuf Munir <director.infra.smta@gmail.com>

Dear SMTA Team,

As discussed in the meeting held under the Chairmanship of Secretary Transport where infra related issues were discussed. SIDCL highlighted the issue of bumper for docking of buses at all station and SMTA requested for the details of rubber bumper.

Pls find attached drawings with details as requested.

Thanks,

Abdul Aziz

From: sr.manager
Sent: 26 March 2022 19:12:51
To: Yazim Shah
Cc: cfo; managingdirector.smta@gmail.com; 'SECRETARYTRANSPORTSINDH'
Subject: Fw: Orange line Infrastructure Report - SIDCL

Dear Yazim,

This was the report which was shared with Secretary Transport office (hard copy) and soft copy was shared with you on 22nd Feb 2022.

Nevertheless, I'm sharing you again on the following link (due to the file size, sharing you on the wetransfer).

<https://we.tl/t-9vcrZyc56J>

Thanks.

From: sr.manager
Sent: 22 February 2022 18:20
To: Yazim Shah
Cc: nadeem.lodhi; cfo; Wajid Saleem; ahsan.riaz; 'AFTAB ALAM'; managingdirector.smta@gmail.com; 'SECRETARYTRANSPORTSINDH'
Subject: Orange line Infrastructure Report - SIDCL

Dear Yazim,

Pls follow the link for the report on above stated subject, as requested on the Orange Line BRTS. Report consist of infrastructure improvements in term of ITS, Bus operations and Facility Management. Hard copy was submitted to Secretary Transport office today.

Pls let us know for any queries.

<https://we.tl/t-C8RtiP9ZdX>

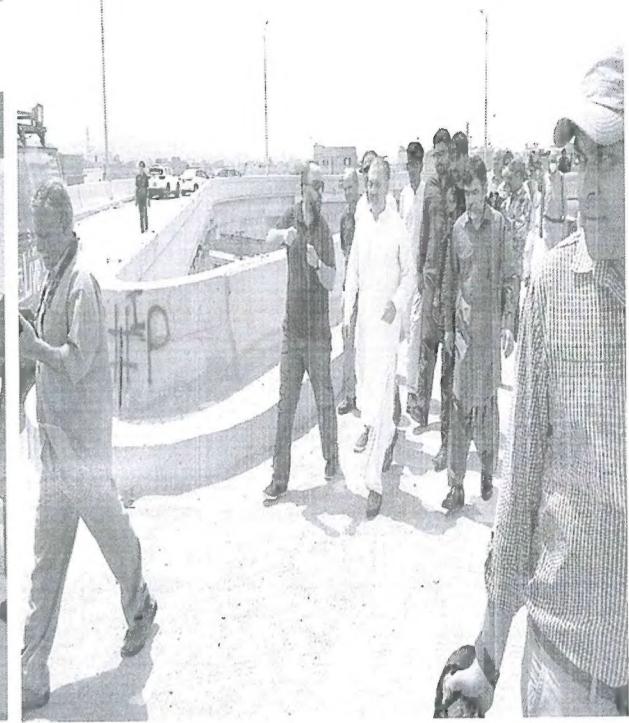
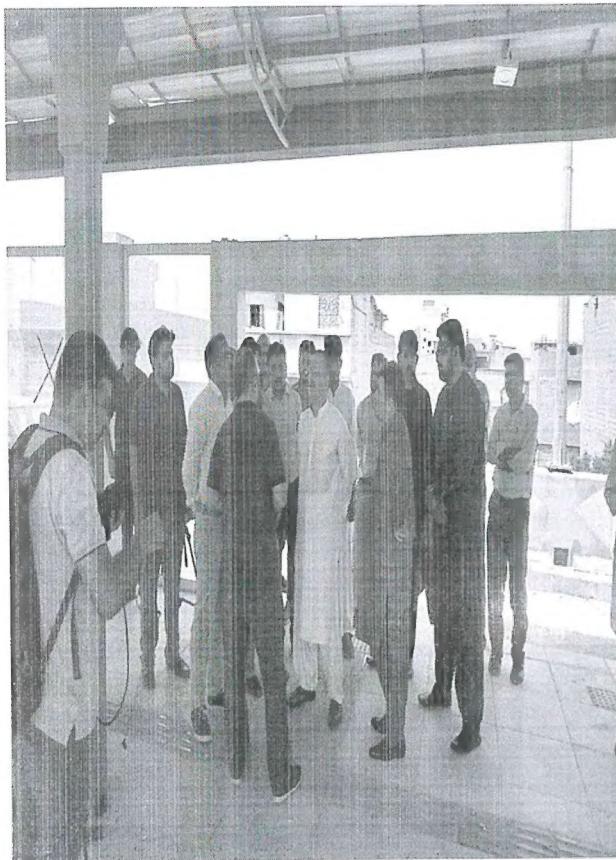
Thanks

Abdul Aziz

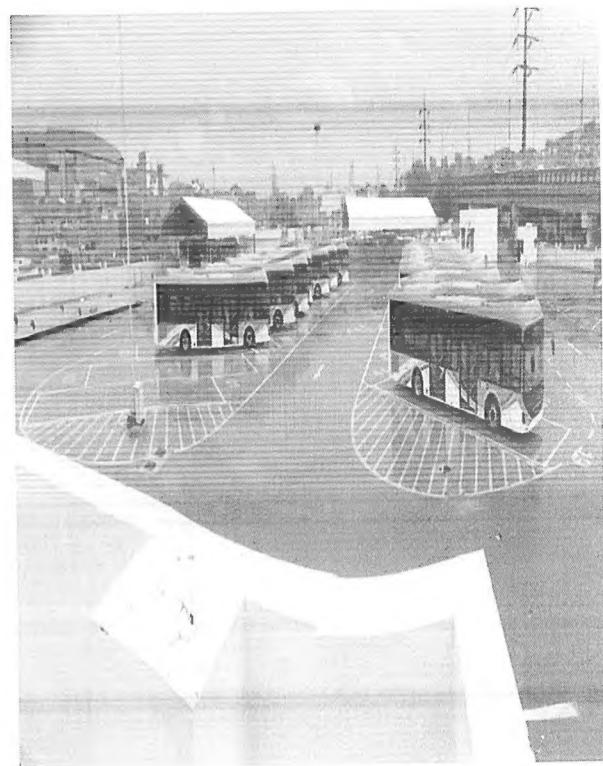
2 attachments

 **SELECTION GUIDE OF DOCK BUMPERS.pdf**
517K

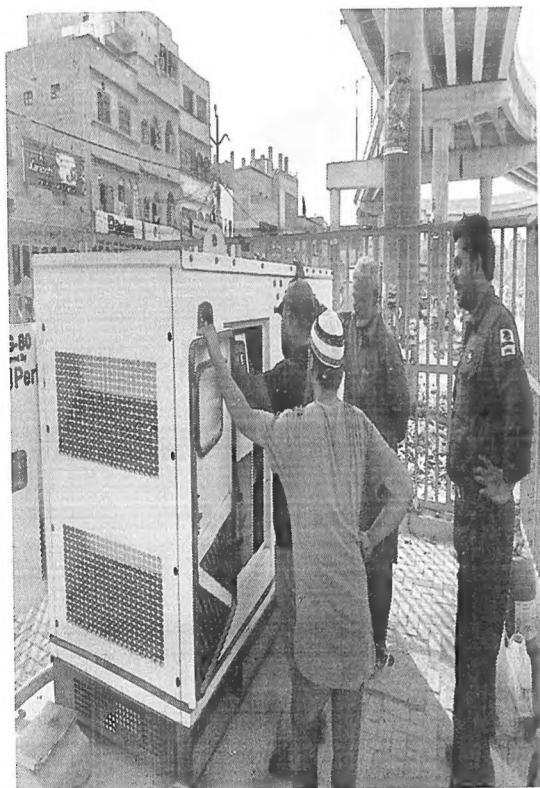
 **DOCKING AREA TYP. SHOP DRAWING-Layout1 (2).pdf**
169K



Site Visit of Worthy Minister Transport & Mass Transit Department (GoS) on 7th May 2022



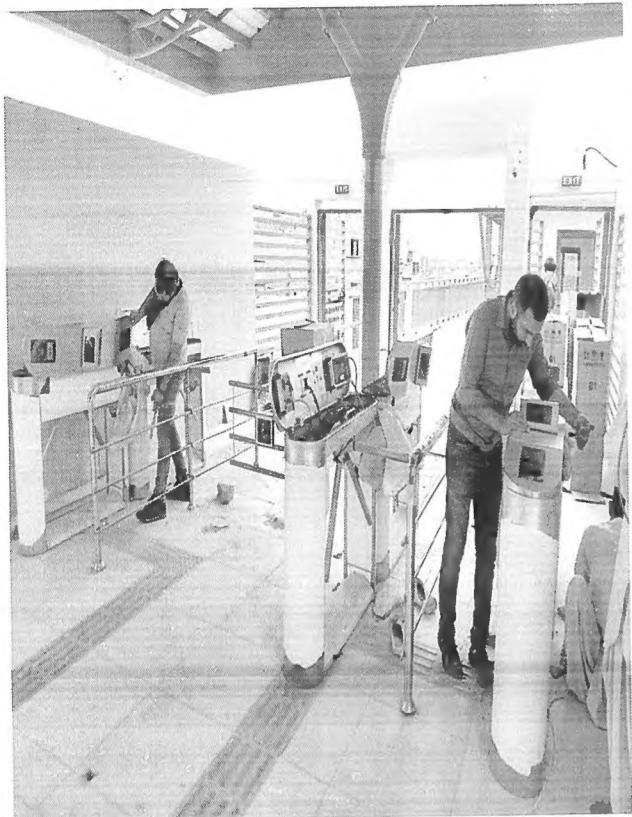
During Monsoon Rains



Generator Installation at bus station



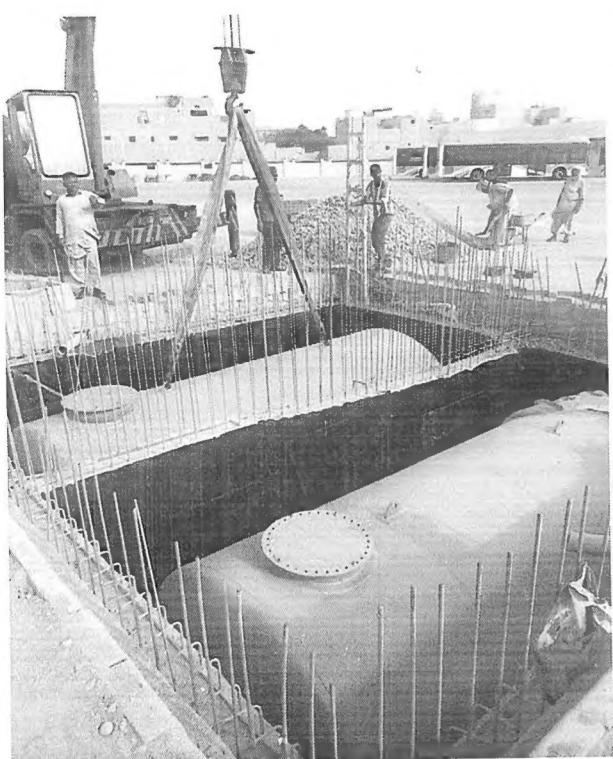
Ticket Office Machine Installation



Ticket Vending Machine



Installation of PSD Doors



Underground Fuel Tank Installation at bus depot



Bus Shed Installation at Bus depot